

**To:** McCabe, Janet[McCabe.Janet@epa.gov]; Goffman, Joseph[Goffman.Joseph@epa.gov]  
**Cc:** Niebling, William[Niebling.William@epa.gov]; Blubaugh, Jim[Blubaugh.Jim@epa.gov]  
**From:** LeFranc, Maurice  
**Sent:** Wed 5/14/2014 3:38:45 PM  
**Subject:** FW: proposal for one day session  
To share Revised Proposal for One Day Meeting - Joint Collaboration on Post-2020 Plans 2.docx

Janet:

See email below and the attachment. This is the proposed one day session on climate policy that State is trying to work out with NDRC for July 8 in Beijing on the margins of the S&ED. I had thought that this was going to only be Todd and politicals but I received a call from Clare this morning asking about EPA participation including me. I did mention to her that Avi most likely will be in Beijing during that time and could participate, however, I think State's proposal is for coverage of simultaneous sessions on domestic policies on both sides.

I am fine with attending this session, although I have made it clear to State that there would need to be additional meetings to make it worthwhile. One possibility is to help Jim Blubaugh advance some of the diesel cooperation (Jim may be in Beijing on related diesel work at that time).

State has also said they would cover my travel if that was an issue (which I think would be good).

As usual, much if not all of this is up in the air at this time and they have no agreement to do this with the Chinese. I did want to alert you to this possibility. I can also reach out to Avi's staff to let them know what State is thinking.

Thanks.

Maurice

**From:** Sierawski, Clare S [mailto:SierawskiCS@state.gov]  
**Sent:** Wednesday, May 14, 2014 10:44 AM

**To:** LeFranc, Maurice

**Subject:** proposal for one day session

Hey Maurice! It was great to talk to you just now. Attached is the latest proposal for a one day climate policy that would involve two HL EPA officials (hopefully you and Avi). Please let me know if you need anything else on my end.

Thank you!

Clare

Clare Sierawski

Senior Climate Change Adviser

U.S. Department of State

202-647-9816

**To:** Goffman, Joseph[Goffman.Joseph@epa.gov]  
**Cc:** LeFranc, Maurice[LeFranc.Maurice@epa.gov]  
**From:** Browne, Cynthia  
**Sent:** Tue 5/13/2014 2:21:08 PM  
**Subject:** RE: Post 2020 International Analytics - C

Hi Joe, Are you going to be attending the Post 2020 on the 15<sup>th</sup> at 10:00 am? If you are, we may need to shorten the Oil and Gas meeting by 15 minutes - You ok with that? Thanks, Cynthia

-----Original Appointment-----

**From:** Ulman, Christie [mailto:Ex. 6 - Privacy]  
**Sent:** Tuesday, May 13, 2014 9:32 AM  
**To:** Knapp, Kristien; Browne, Cynthia; Atkinson, Emily  
**Subject:** Post 2020 International Analytics  
**When:** Thursday, May 15, 2014 10:00 AM-11:00 AM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** EEOB - TBD

Hi all,

At this meeting we'll discuss the Post 2020 international analytic plan. Nate and I will be reaching out with further details.

Updated on May 13<sup>th</sup> to begin at 10am.

Thanks,  
Christie

**To:** Goffman, Joseph[Goffman.Joseph@epa.gov]  
**From:** LeFranc, Maurice  
**Sent:** Thur 2/20/2014 12:46:41 PM  
**Subject:** Re: our bosses meeting?

I can send you something this morning. Seems Gina is interested in

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**Ex. 5 - Deliberative**

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From: Goffman, Joseph  
Sent: Wednesday, February 19, 2014 10:58:55 PM  
To: LeFranc, Maurice  
Subject: Re: our bosses meeting?

Thanks, Maurice. Yes, I saw the piece, but haven't read it yet. Let's figure out what if anything to feed back to Jonathan.

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From: LeFranc, Maurice  
Sent: Wednesday, February 19, 2014 10:21:45 PM  
To: Goffman, Joseph  
Subject: Re: our bosses meeting?

We have a briefing piece based on what we knew Kerry would raise.

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Can connect in the morning.

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From: Goffman, Joseph  
Sent: Wednesday, February 19, 2014 6:12:15 PM  
To: LeFranc, Maurice  
Subject: Fw: our bosses meeting?

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From: Pershing, Jonathan <Jonathan.Pershing@Hq.Doe.Gov>  
Sent: Wednesday, February 19, 2014 6:10:19 PM  
To: Goffman, Joseph  
Subject: our bosses meeting?

Joe -

As I am sure you know, there is a meeting scheduled Monday for Administrator McCarthy and Secretaries Kerry and Moniz to talk climate. I am currently working on our memo. If you have particular issues you think are going to be raised and can give me a heads up, I will include something on them. As of now, I

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Do these fit with what you are anticipating?

Thanks,

Jonathan



**To:** Goffman, Joseph[Goffman.Joseph@epa.gov]  
**From:** McCabe, Janet  
**Sent:** Tue 2/18/2014 1:30:32 PM  
**Subject:** RE: Some placeholder answers pending a conversation on Tuesday (maybe before you depart for HZ)

It made it through though she hadn't read it when I talked to her yesterday. I've got some time in the car with her today so I'll bring it up then.

-----Original Message-----

**From:** Goffman, Joseph  
**Sent:** Tuesday, February 18, 2014 8:01 AM  
**To:** McCabe, Janet  
**Subject:** Fw: Some placeholder answers pending a conversation on Tuesday (maybe before you depart for HZ)

Did this make it through on Saturday, and do we still need to talk to her? Thanks.

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**From:** Goffman, Joseph  
**Sent:** Saturday, February 15, 2014 6:13:46 PM  
**To:** Ex. 5 - Privacy, Administrator McCarthy McCabe, Janet  
**Subject:** Some placeholder answers pending a conversation on Tuesday (maybe before you depart for HZ)

Where we are with Ex. 5 - Deliberative?

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# **Ex. 5 - Deliberative**

Thanks.

**To:** McCabe, Janet[McCabe.Janet@epa.gov]; Goffman, Joseph[Goffman.Joseph@epa.gov]  
**From:** LeFranc, Maurice  
**Sent:** Tue 2/4/2014 2:52:56 PM  
**Subject:** Ex. 5 - Deliberative Proposal from State - Must Read/Close Hold  
Ex. 5 - Deliberative doc

Good morning. I received this late yesterday after a phone call from Clare who is in Todd's office (and who used to be a Kerry staffer). I believe this is one of possibly many deliverables being teed up for Sec. Kerry's trip to China in mid-February. We seem to be

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## Ex. 5 - Deliberative

## Ex. 5 - Deliberative

I told State I would share this with both of you and get a further read on this. We can either

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I'd appreciate your guidance before following up with them further. We may want to raise this in our meeting with Jane Nishida on Thursday.

**From:** Sierawski, Clare S [mailto:SierawskiCS@state.gov]  
**Sent:** Monday, February 03, 2014 4:25 PM  
**To:** LeFranc, Maurice  
**Subject:** Per our discussion

For your and other folks at EPA's thoughts (close hold) – thank you!

Clare

SBU

This email is UNCLASSIFIED.

**To:** Beauvais, Joel[Beauvais.Joel@epa.gov]; Goffman, Joseph[Goffman.Joseph@epa.gov];  
LeFranc, Maurice[LeFranc.Maurice@epa.gov]  
**From:** McCabe, Janet  
**Sent:** Fri 1/10/2014 7:29:20 PM  
**Subject:** RE: Administrator mtg with Todd Stern

Exactly!

**From:** Beauvais, Joel  
**Sent:** Friday, January 10, 2014 12:01 PM  
**To:** McCabe, Janet; Goffman, Joseph; LeFranc, Maurice  
**Subject:** Administrator mtg with Todd Stern

I'm sure you guys are all over Gina's meeting with Todd on Monday am re China. Defer to you guys, but this may be an opportunity for her to underscore the need for us to work closely on post-2020 target etc. as well – emphasizing that we need to be coordinated at a high level etc.

**To:** McCabe, Janet[McCabe.Janet@epa.gov]; Goffman, Joseph[Goffman.Joseph@epa.gov]  
**From:** LeFranc, Maurice  
**Sent:** Wed 12/18/2013 12:32:16 PM  
**Subject:** Post-2020 meeting

Good morning. I will write up some brief notes from yesterday's post-2020 meeting and get them in your reading folders for tonight. It may also be helpful if Sarah Dunham and I had a few minutes to fill you in on discussion and answer questions before we all leave for the holidays.

**To:** Goffman, Joseph[Goffman.Joseph@epa.gov]  
**From:** Murphy, Tina  
**Sent:** Fri 12/6/2013 11:58:38 AM  
**Subject:** Post 2020 meeting

Good Morning Joe,

Thank you for your email to Sarah letting her know the Post 2020 meeting has been postponed to 12/17.  
I was just wondering if a new time been established yet?

Thanks again,  
Tina :)

**To:** McCabe, Janet[McCabe.Janet@epa.gov]; Goffman, Joseph[Goffman.Joseph@epa.gov];  
LeFranc, Maurice[LeFranc.Maurice@epa.gov]  
**From:** Beauvais, Joel  
**Sent:** Tue 12/3/2013 1:02:17 PM  
**Subject:** Fw: Gina China trip

Fyi

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From: Beauvais, Joel  
Sent: Tuesday, December 03, 2013 7:59:40 AM  
To: Duke, Rick  
Cc: Utech, Dan G.; Nishida, Jane  
Subject: Re: Gina China trip

Hi, Rick - I'm cc'ing Jane Nishida, who leads our Office of International and Tribal Affairs and will be accompanying Gina on the trip.

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Let me or Jane know if you want to pursue the question further.

Joel

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From: Duke, Rick <Ex. 6 - Privacy>  
Sent: Monday, December 02, 2013 11:32:45 PM  
To: Beauvais, Joel  
Cc: Utech, Dan G.  
Subject: Gina China trip

Joel,

State has asked me to go to China next week for a series of meetings related to their plans for post-2020 action on climate.

I will likely decline given short notice etc, but I would go if it allowed me to help prep Gina and join her for her Xie bilat.

Specifically, I think it would be very useful to have her communicate Ex. 5 - Deliberative

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We obviously wouldn't be negotiating anything, but I think it could be an important step towards mutually-reinforcing action for her to have this conversation at this stage.



Are you involved and/or can you put me in touch with whoever from EPA is on point for this trip? I'd particularly like to get a sense of:

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Thks,  
Rick

**From:** Beauvais, Joel  
**Location:** EEOB  
**Importance:** Normal  
**Subject:** Declined: HOLD: Post 2020 Commitment Fact Base Briefing  
**Start Date/Time:** Fri 11/1/2013 8:00:00 PM  
**End Date/Time:** Fri 11/1/2013 9:00:00 PM

This mtg has now been scheduled for Monday 10/28 at 5

**To:** Goffman, Joseph[Goffman.Joseph@epa.gov]; LeFranc, Maurice[LeFranc.Maurice@epa.gov]  
**From:** Beauvais, Joel  
**Sent:** Thur 10/24/2013 4:00:16 PM  
**Subject:** post-2020 mtg

Should we drag Sarah into this as well?

**From:** Beauvais, Joel  
**Location:** EEOB  
**Importance:** Normal  
**Subject:** Accepted: HOLD: Post-2020 Commitment Fact Base Briefing  
**Start Date/Time:** Tue 10/29/2013 9:30:00 PM  
**End Date/Time:** Tue 10/29/2013 10:30:00 PM

**From:** LeFranc, Maurice  
**Location:** EEOB  
**Importance:** Normal  
**Subject:** Accepted: HOLD: Post 2020 Commitment Fact Base Briefing  
**Start Date/Time:** Fri 11/1/2013 8:00:00 PM  
**End Date/Time:** Fri 11/1/2013 9:00:00 PM

**To:** Ulman, Christie[[Ex. 6 - Privacy](#)]; Goffman, Joseph[Goffman.Joseph@epa.gov]; Beauvais, Joel[Beauvais.Joel@epa.gov]; Pershing, Jonathan[Jonathan.Pershing@Hq.Doe.Gov]  
**Cc:** LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Stewart, Mellonie[Stewart.Mellonie@epa.gov]  
**From:** Browne, Cynthia  
**Sent:** Wed 10/23/2013 4:05:26 PM  
**Subject:** RE: Post-2020 Commitment Fact Base Briefing

Hi Christie,

If you can move the meeting to the 30<sup>th</sup>, here are two times that will work for Joseph Goffman, Joel Beauvais and Maurice LeFranc:

9:30 – 10:30 am; and 12:30 – 1:30 pm.

Thanks, Cynthia Browne

**From:** Ulman, Christie [mailto:[Ex. 6 - Privacy](#)]  
**Sent:** Wednesday, October 23, 2013 11:42 AM  
**To:** Goffman, Joseph; Beauvais, Joel; Pershing, Jonathan  
**Cc:** LeFranc, Maurice; Browne, Cynthia  
**Subject:** RE: Post-2020 Commitment Fact Base Briefing

I am going to try and see if we can move to the 30th, so I'll keep everyone posted.

**From:** Goffman, Joseph [mailto:[Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)]  
**Sent:** Wednesday, October 23, 2013 11:34 AM  
**To:** Beauvais, Joel; Pershing, Jonathan; Ulman, Christie  
**Cc:** LeFranc, Maurice; Browne, Cynthia  
**Subject:** RE: Post-2020 Commitment Fact Base Briefing

Thanks. Cynthia can help with my schedule on this. Thanks.

**From:** Beauvais, Joel  
**Sent:** Wednesday, October 23, 2013 11:33 AM  
**To:** Pershing, Jonathan; Christie Ulman  
**Cc:** Goffman, Joseph; LeFranc, Maurice  
**Subject:** Re: Post-2020 Commitment Fact Base Briefing

+ Joe and Maurice, who will probably join me for EPA.

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**From:** Pershing, Jonathan <[Jonathan.Pershing@Hq.Doe.Gov](mailto:Jonathan.Pershing@Hq.Doe.Gov)>  
**Sent:** Wednesday, October 23, 2013 11:30:21 AM  
**To:** 'Ulman, Christie'; Beauvais, Joel  
**Subject:** RE: Post-2020 Commitment Fact Base Briefing

Christie – thanks. I am unfortunately not able to make that time. Any chance of moving this to the next day (Wed)? I have an open block between 11 AM and 3 PM....

Thanks,

Jonathan

-----Original Appointment-----

**From:** Ulman, Christie [<mailto:> **Ex. 6 - Privacy**]  
**Sent:** Wednesday, October 23, 2013 11:26 AM  
**To:** Pershing, Jonathan; [Beauvais.Joel@epa.gov](mailto:Beauvais.Joel@epa.gov)  
**Subject:** Post-2020 Commitment Fact Base Briefing  
**When:** Tuesday, October 29, 2013 4:00 PM-5:00 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** EEOB - TBD

Hi all,

I'm moving this to Oct. 29<sup>th</sup>, now that we are back.

Let me know of any conflicts.

Cheers,

Christie



**To:** Beauvais, Joel[Beauvais.Joel@epa.gov]; Goffman, Joseph[Goffman.Joseph@epa.gov]  
**From:** LeFranc, Maurice  
**Sent:** Wed 10/23/2013 3:37:26 PM  
**Subject:** RE: Post-2020 mtg at CEQ

The Wednesday slot Jonathan proposes is better - the GMI briefing for Janet is currently scheduled for Tuesday 4:00-5:00. But I will make myself available whenever.

-----Original Message-----

From: Beauvais, Joel  
Sent: Wednesday, October 23, 2013 11:31 AM  
To: Goffman, Joseph; LeFranc, Maurice  
Subject: Post-2020 mtg at CEQ

Rick is looking to schedule something with us and DOE next Tuesday 4-5. I think we all shld go. Does this time work for you guys?

Joel

**To:** Browne, Cynthia[Browne.Cynthia@epa.gov]; LeFranc, Maurice[LeFranc.Maurice@epa.gov]  
**From:** Goffman, Joseph  
**Sent:** Tue 8/26/2014 8:41:17 PM  
**Subject:** Fwd: Canceled: Post 2020 Domestic Contribution Discussion  
[winmail.dat](#)  
[ATT00001.htm](#)

- Joseph Goffman  
Sent from my iPhone

Begin forwarded message:

**From:** "Ulman, Christie" <Ex. 6 - Privacy>  
**Date:** August 25, 2014 at 3:59:31 PM EDT  
**To:** "Utech, Dan G." <Ex. 6 - Privacy>, "Duke, Rick" <Ex. 6 - Privacy>, "Bodnar, Paul" <Ex. 6 - Privacy>, "Hultman, Nathan" <Ex. 6 - Privacy>, "Todd Stern (SternTD@state.gov)" <SternTD@state.gov>, "Talley, Trigg" <TalleyT@state.gov>, "Reifsnyder, Daniel A" <ReifsnyderDA@state.gov>, "Artusio, Christo F" <ArtusioCF@state.gov>, "Sierawski, Clare S (SierawskiCS@state.gov)" <SierawskiCS@state.gov>, "Schuler, Reed M (SchulerRM@state.gov)" <SchulerRM@state.gov>, "mccabe.janet@epa.gov" <mccabe.janet@epa.gov>, "Goffman, Joseph (Goffman.Joseph@epa.gov)" <Goffman.Joseph@epa.gov>, "Dunham, Sarah (Dunham.Sarah@epa.gov)" <Dunham.Sarah@epa.gov>, "LeFranc, Maurice" <LeFranc.Maurice@epa.gov>, "Gunning, Paul" <Gunning.Paul@epa.gov>, "Allen Fawcett (Fawcett.allen@Epa.gov)" <Fawcett.allen@Epa.gov>, "jonathan.pershing@hq.doe.gov" <jonathan.pershing@hq.doe.gov>, "Greenwald, Judith" <Judi.Greenwald@Hq.Doe.Gov>, "Mignone, Bryan" <Bryan.Mignone@hq.doe.gov>, "Robert.Bonnie@osec.usda.gov" <Robert.Bonnie@osec.usda.gov>, "Holmes, Patrick - OSEC (Patrick.Holmes@osec.usda.gov)" <Patrick.Holmes@osec.usda.gov>, "Sarah Greenberger" <sarah\_greenberger@ios.doi.gov>, "elizabeth\_klein@ios.doi.gov" <elizabeth\_klein@ios.doi.gov>, "Gallagher, Kelly" <Ex. 6 - Privacy>  
**Cc:** "Hodson, Elke (FELLOW)" <Elke.Hodson@Hq.Doe.Gov>  
**Subject:** Canceled: Post 2020 Domestic Contribution Discussion

Agenda:

## Ex. 5 - Deliberative

**To:** Knapp, Kristien[Knapp.Kristien@epa.gov]; Stewart, Lori[Stewart.Lori@epa.gov]  
**Cc:** McCabe, Janet[McCabe.Janet@epa.gov]  
**From:** Goffman, Joseph  
**Sent:** Wed 7/2/2014 9:34:42 PM  
**Subject:** Re: China question

+ Janet, in case the Biogas Roadmap meeting hasn't started yet.

Joe Goffman



This language looks good to me. Could you please ask Janet to look at it and if she is OK forward it to Todd Stern. Thanks.

Joe Goffman



Sarah's e-mail is not working today and so I'm replying. Building off of Maurice's note, and using some of Todd's language, we've tried to amplify a bit, as it seems Todd may want more high-level detail (?). This is a start – is it helpful?

## Ex. 5 - Deliberative

# Ex. 5 - Deliberative

**From:** Browne, Cynthia **On Behalf Of** Goffman, Joseph  
**Sent:** Wednesday, July 02, 2014 2:24 PM  
**To:** Dunham, Sarah  
**Cc:** Krieger, Jackie  
**Subject:** FW: China question

FYI -

**From:** LeFranc, Maurice  
**Sent:** Wednesday, July 02, 2014 2:03 PM  
**To:** Goffman, Joseph  
**Subject:** Re: China question

Am on road and phone about to die - Todd could

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Sent from my BlackBerry 10 smartphone on the Verizon Wireless 4G LTE network.

**From:** Goffman, Joseph  
**Sent:** Wednesday, July 2, 2014 11:34 AM  
**To:** LeFranc, Maurice

**Subject:** Fw: China question

Any thoughts on this? Thanks.

Joe Goffman

**From:** Stern, Todd D (S/SECC)

**Sent:** Wednesday, July 2, 2014 11:31 AM

**To:** Goffman, Joseph; McCabe, Janet

**Cc:** Sierawski, Clare S; Wagner, David V

**Subject:** China question

Hi guys. Quick question. We're scrambling to get ready for the S&ED trip, leaving Sunday. As I think you know, we have a whole day mapped out with the Chinese on July 8, a day before the actual S&ED, to follow through on agreement Kerry reached with them in February to collaborate in the development of our post-2020 targets.

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**Ex. 5 - Deliberative**

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**Ex. 5 - Deliberative** Thoughts?



**To:** Utech, Dan G. [Ex. 6 - Privacy]  
**From:** Goffman, Joseph  
**Sent:** Wed 5/28/2014 1:26:36 AM  
**Subject:** CPS - 17 x 2020 one pager 5 20 14 version 6 -- FOR INTERNAL USE ONLY  
CPS - 17 x 2020 one pager 5 20 14 version 6.docx

**To:** Utech, Dan G. [Ex. 6 - Privacy]  
**From:** Goffman, Joseph  
**Sent:** Wed 5/21/2014 9:14:12 PM  
**Subject:** FW: Carbon Pollution Standards under 111(d) -- 2020 Target/post-2020 Commitments  
[Carbon Pollution Standards - 2020 and 2030 5-21-2014 Version 4 edit.docx](#)  
[CPS - 17 x 2020 one pager 5 20 14 version 3 edit.docx](#)

In the event you or John find these of further interest, attached are versions with a couple of typos fixed (in track changes). Thanks.



**To:** **Ex. 6 - Privacy, Administrator McCarthy**  
**Cc:** Deputy Administrator **Ex. 6 - Privacy**, McCabe, Janet[McCabe.Janet@epa.gov]  
**From:** Goffman, Joseph  
**Sent:** Wed 5/21/2014 11:36:24 AM  
**Subject:** Re: 111(d) reductions mapped onto the 2020 target and potential 2030 targets

Will incorporate comments Janet suggested and send along to those three. Thanks.

---

**From:** **Ex. 6 - Privacy, Administrator McCarthy**  
**Sent:** Wednesday, May 21, 2014 3:54:01 AM  
**To:** Goffman, Joseph  
**Cc:** Deputy Administrator; McCabe, Janet  
**Subject:** Re: 111(d) reductions mapped onto the 2020 target and potential 2030 targets

Joe - this should be really helpful. I would send along to Dan and John before the next WH meeting. I would also send to Jonathan Pershing to get his take on it. He could be very helpful to get DOE lined up.

Gina McCarthy

On May 20, 2014, at 10:28 PM, "Goffman, Joseph" <Goffman.Joseph@epa.gov> wrote:

Please see note below and attachments. Per Bob's suggested approach after last Thursday's WH meeting. Thanks.

---

**From:** Joseph Goffman **Ex. 6 - Privacy**  
**Sent:** Tuesday, May 20, 2014 10:26:17 PM  
**To:** Goffman, Joseph  
**Subject:** 111(d) reductions mapped onto the 2020 target and potential 2030 targets

Administrator, Bob, Janet -- As we have discussed we may be called on to **Ex. 5 - Deliberative**

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<CPS - 17 x 2020 one pager 5 20 14 version 3.docx>

<Carbon Pollution Standards - 2020 and 2030 5-20-2014 Version 3.docx>

**To:** McCabe, Janet[McCabe.Janet@epa.gov]  
**From:** Goffman, Joseph  
**Sent:** Wed 5/21/2014 3:58:50 AM  
**Subject:** Re: 111(d) reductions mapped onto the 2020 target and potential 2030 targets

You know, the thing is, I can live with that - at least so long as the price is not subverting our own proposal. Thanks for the comments. I will address in the AM.

---

**From:** McCabe, Janet  
**Sent:** Tuesday, May 20, 2014 11:55:15 PM  
**To:** Goffman, Joseph  
**Subject:** RE: 111(d) reductions mapped onto the 2020 target and potential 2030 targets

I take it back. here are a few comments on the 2030 one. These are good, but I doubt they'd convince some people.

---

**From:** Goffman, Joseph  
**Sent:** Tuesday, May 20, 2014 10:28 PM  
**To:** Ex. 6 - Privacy, Administrator McCarthy Deputy Administrator; McCabe, Janet  
**Subject:** Fw: 111(d) reductions mapped onto the 2020 target and potential 2030 targets

Please see note below and attachments. Per Bob's suggested approach after last Thursday's WH meeting. Thanks.

---

**From:** Joseph Goffman Ex. 6 - Privacy  
**Sent:** Tuesday, May 20, 2014 10:26:17 PM  
**To:** Goffman, Joseph  
**Subject:** 111(d) reductions mapped onto the 2020 target and potential 2030 targets

Administrator, Bob, Janet -- As we have discussed we may be called on to: Ex. 5 - Deliberative

# Ex. 5 - Deliberative

**To:** Knapp, Kristien[Knapp.Kristien@epa.gov]  
**From:** Goffman, Joseph  
**Sent:** Thur 5/15/2014 4:59:50 PM  
**Subject:** Post-2020 and 111(d) - 05-15-14 jg.pptx  
Post-2020 and 111(d) - 05-15-14 jg.pptx

**To:** McCabe, Janet[McCabe.Janet@epa.gov]; Deputy  
Administrator **Ex. 6 - Privacy**  
**From:** Goffman, Joseph  
**Sent:** Thur 5/15/2014 3:50:27 AM  
**Subject:** Re: Post 2020 AM Pre-brief and 4:00 WH Meeting

The point we are trying to make is:

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# Ex. 5 - Deliberative

Obviously, the slides are meant to support a live discussion and not serve as a formal comprehensive presentation.

See you tomorrow.

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**From:** McCabe, Janet  
**Sent:** Wednesday, May 14, 2014 11:23:06 PM  
**To:** Goffman, Joseph; Deputy Administrator  
**Subject:** RE: Post 2020 AM Pre-brief and 4:00 WH Meeting

Thanks, Joe.

I guess I need to understand better what points we are trying to make with these slides. For example,

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I like slide 4.

sorry to not have more concrete suggestions for changes at this point, but we can talk about it tomorrow.

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**From:** Goffman, Joseph  
**Sent:** Wednesday, May 14, 2014 9:57 PM  
**To:** Deputy Administrator; McCabe, Janet  
**Subject:** Fw: Post 2020 AM Pre-brief and 4:00 WH Meeting

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From: Joseph Goffman <[REDACTED] Ex. 6 - Privacy >  
Sent: Wednesday, May 14, 2014 9:56:45 PM  
To: Goffman, Joseph  
Subject: Post 2020 AM Pre-brief and 4:00 WH Meeting

**To:** Knapp, Kristien[Knapp.Kristien@epa.gov]  
**From:** Goffman, Joseph  
**Sent:** Thur 3/27/2014 9:00:44 PM  
**Subject:** FW: background memo on 2030 numbers  
Administrator Memo - Existing Authority 2030 Abatement Potential - v2.docx

**From:** Dunham, Sarah  
**Sent:** Thursday, March 27, 2014 4:37 PM  
**To:** Goffman, Joseph; Tsirigotis, Peter  
**Cc:** Harvey, Reid; Gunning, Paul  
**Subject:** background memo on 2030 numbers

This memo may need some explanation but it is intended to give you some background and context from the post 2020 analytical discussions that were happening—and look at possible

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**From:** Goffman, Joseph  
**Location:** EEOB - TBD  
**Importance:** Normal  
**Subject:** Fw: Post-2020 Commitment Fact Base Briefing - this still has multiple conflicts for us.  
**Start Date/Time:** Tue 10/29/2013 8:00:00 PM  
**End Date/Time:** Tue 10/29/2013 9:00:00 PM

Hi all,

I'm moving this to Oct. 29th, now that we are back.

Let me know of any conflicts.

Cheers,  
Christie

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From: Ulman, Christie  
Sent: Thursday, October 24, 2013 11:55:39 AM  
To: Ulman, Christie; LeFranc, Maurice; Goffman, Joseph; McConville, Drew; Schuler, Reed M (SchulerRM@state.gov); judith.greenwald@hq.doe.gov; 'Bryan.Mignone@hq.doe.gov' (Bryan.Mignone@hq.doe.gov); Bassett, Luke  
Subject: Post-2020 Commitment Fact Base Briefing  
When: Tuesday, October 29, 2013 4:00 PM-5:00 PM.  
Where: EEOB - TBD

Hi all,

I'm moving this to Oct. 29th, now that we are back.

Let me know of any conflicts.

Cheers,  
Christie

**To:** Gunning, Paul[Gunning.Paul@epa.gov]; Irving, Bill[Irving.Bill@epa.gov]  
**From:** Krieger, Jackie  
**Sent:** Tue 11/26/2013 4:31:05 PM  
**Subject:** FW: here is the two-pager used in earlier discussion with Janet  
OAD International Climate Change Activities Update 10-28-13 (2).docx

**From:** LeFranc, Maurice  
**Sent:** Tuesday, November 26, 2013 10:19 AM  
**To:** Krieger, Jackie  
**Subject:** here is the two-pager used in earlier discussion with Janet

Jackie:

I drafted this initially and Joel added a couple of pieces. We walked through this in 30 minutes with Janet so not a lot of substance nor discussion. Some of the upcoming briefings that are scheduled are outcomes of this discussion.

Maurice

Maurice N. LeFranc, Jr.

Senior Advisor for International Climate Change

Office of Air and Radiation

U.S. Environmental Protection Agency

Office Phone: 202-564-1813

Mobile: 202-450-7863



**From:** Hargrove, Anne  
**Location:** DCRoomWJCS4226AOAP/DC-OAR-OAP  
**Importance:** Normal  
**Subject:** New Post-2020 White House Meetings  
**Start Date/Time:** Mon 8/18/2014 2:00:00 PM  
**End Date/Time:** Mon 8/18/2014 2:30:00 PM

**From:** Dunham, Sarah  
**Location:** DCRoom1310L1002DirTBPoly/DC-1310L-OAR  
**Importance:** Normal  
**Subject:** Post 2020 - Prebrief Sarah for Janet meeting on 1/16  
**Start Date/Time:** Mon 1/13/2014 7:00:00 PM  
**End Date/Time:** Mon 1/13/2014 7:45:00 PM

**To:** Fawcett, Allen[Fawcett.Allen@epa.gov]; Gunning, Paul[Gunning.Paul@epa.gov]  
**Cc:** Kocchi, Suzanne[Kocchi.Suzanne@epa.gov]  
**From:** Irving, Bill  
**Sent:** Fri 11/8/2013 4:34:51 PM  
**Subject:** FW: ADP submission  
[adp\\_usa\\_workstream\\_1\\_20131017.pdf](#)

FYI – US submission on post-2020 process

**From:** Gordon, Jessica M  
**Sent:** Thursday, November 07, 2013 5:53 PM  
**To:** Sherry, Christopher; Irving, Bill  
**Subject:** RE: ADP submission

This is the Oct 2013 submission, which I hope is actually the right one!

Jessica

Jessica M. Gordon  
Legal Advisor, Climate Change Division  
U.S. Environmental Protection Agency  
(202) 343-9444  
[gordon.jessica@epa.gov](mailto:gordon.jessica@epa.gov)

This message may contain privileged or other confidential information.  
Please do not forward or distribute it outside of EPA.

**From:** Gordon, Jessica M  
**Sent:** Thursday, November 07, 2013 4:51 PM  
**To:** Sherry, Christopher; Irving, Bill  
**Subject:** ADP submission

I think this is the doc you mentioned, Bill, but please let me know if it's not.

Thanks,

Jessica

Jessica M. Gordon  
Legal Advisor, Climate Change Division  
U.S. Environmental Protection Agency  
(202) 343-9444  
[gordon.jessica@epa.gov](mailto:gordon.jessica@epa.gov)

This message may contain privileged or other confidential information.  
Please do not forward or distribute it outside of EPA.

**To:** Gunning, Paul[Gunning.Paul@epa.gov]; Birgfeld, Erin[Birgfeld.Erin@epa.gov]; Birnbaum, Rona[Birnbaum.Rona@epa.gov]; Kocchi, Suzanne[Kocchi.Suzanne@epa.gov]; Karimjee, Anhar[Karimjee.Anhar@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]; Franklin, Pamela[Franklin.Pamela@epa.gov]  
**From:** Irving, Bill  
**Sent:** Mon 10/21/2013 3:35:07 PM  
**Subject:** FW: Final U.S. Submissions on the 2015 Agreement and Pre-2020 Ambition  
[United States ADP WSI.pdf](#)  
[United States ADP WSII.pdf](#)

Just FYI

**From:** Rakestraw, Andrew R [mailto:RakestrawAR@state.gov]  
**Sent:** Monday, October 21, 2013 10:17 AM  
**To:** Aaron Brickman; Alan Schroeder; Alvarez Jr., Luis R; Andrea Cornwell; Berns, Anne; Arthur Rypinski; Bartos, Scott; Baumert, Kevin A; Craig, Beth; Bill Van Houten; Biniaz, Susan N; Breed, William (E3/GCC/AID); Brent Smith; Brian Hayum; Camille Mittelholtz; Carmen Difiglio; Catherine Vial; Chris Farley; Chris Soares; Commander Tim Galaudet; Courtney St. John; Dan Birns; Dave Allen; David Asiello; David Downes; David Rodgers; David Sandalow; Elmer Holt; Fae Korsmo; Fern, Nora (E3/GCC); Furlow, John (E3/GCC); Waxmonsky, Gary; Gates, Isabel N (OES-DRL); Gorn, Janet M; Graham Pugh; Green, Collin (E3/GCC); Heather Zichal; Herring, Margaux L (OES); Hobgood, Teresa D; Hockstad, Leif; Holmes Hummel; Indur Goklany; Irving, Bill; Weinstein, Ivan S; Jack Schick; James Housel; Jeffrey Klein; Jenkins, Jennifer; Jennifer Prescott; Schreifels, Jeremy; Ferrante, Joe; JoEllen Urban; John Stamos; Justin Kenney; justin.smith@usdoj.gov; Karen Wardzinski; Karin Ferriter; Kate Larsen; Kate Schoener; Kathryn Thompson; Kelly Turner; Kim Todd; Ko Barrett; Kollist, Ingrid M; lawrence\_sperling@ios.doi.gov; Len (Leonard) Hirsch; **Ex. 6 - Privacy, Leslie Yang**; Linda Moodie; Linda.Lawson@dot.gov; Mark Abdoo; Mark Linscott (**Ex. 6 - Privacy**); Mark Manis; LeFranc, Maurice; DePass, Michelle; Mike Mills; Mitchell Baer; Monosson, Danielle H; Povenmire, Susan L; Rachel Tronstein; Ric Moore; Rick Duke (**Ex. 6 - Privacy**); Robert Bonnie; Robert Marlay (robert.marlay@hq.doe.gov); Rodriguez, Laura I; SaDavid Sandalow (wanda.swinson@hq.doe.gov); Schoonover, Rodney D; Seymour, Sezaneh M (OES); Sgilson@doc.gov; Shaw, Ellen M; Shira Yoffe; Smith, Patrick (BFS); Sumner, Wilson W; Susan Kurland; Smith, Walker; Webber, Rebecca E; 'William Hohenstein'; craig.zamuda@hq.doe.gov; Allen, Ashley (E3/GCC); Amanda McCarty; Arnaudo, Raymond V; Barber, Charles V; Crystal Brown; Elizabeth Kendall; Elizabeth Lien; Ester McClure; Gary Guzy; George York; John Balbus; Karin Ferriter; Karr-Colque, Catherine J (OES); Kate Schoener; Sauls, Laura; Natalia Sorgente; Nelson, Ana Janaina; OES-EGC-DG; Singh, Pavneet; Pendzich, Christine (LAC/RSD/E); S/SECC-Special Assistants-DG; Socci, Anthony; **Ex. 6 - Privacy, Susan Ruffo**; Susan Wilson; Tegan Blaine, Africa Bureau, USAID; Therese Randazzo; Thomas Swegle; Timothy Mills; Virginia Wolf; Wendy Miller  
**Subject:** Final U.S. Submissions on the 2015 Agreement and Pre-2020 Ambition

Good morning,

I've attached the final U.S. Ad Hoc Working Group on the Durban Platform (ADP) submissions to the UN Framework Convention on Climate Change. The submissions cover Workstream I (the 2015 agreement) and Workstream II (pre-2020 ambition). They were made in response to the following prompt from the ADP:

- Under workstream 1, the ADP invited Parties and observer organizations to make further submissions, by 1 September 2013, building on the conclusions of the ADP at the second part of its first session [Doha COP conclusions].
- Under workstream 2, the ADP invited Parties and observer organizations to make further submissions to the secretariat, by 1 September 2013, in relation to the conclusions of the ADP at the second part of its first session [Doha COP conclusions] and on further activities for its plan of work in 2014.

Thanks and please let me know if you have any questions.

Best,

Andrew Rakestraw

Foreign Affairs Officer

U.S. Department of State

Office of Global Change (OES / EGC)

This email is UNCLASSIFIED.

**To:** Gunning, Paul[Gunning.Paul@epa.gov]  
**From:** Fawcett, Allen  
**Sent:** Thur 8/28/2014 7:26:43 PM  
**Subject:** FW: China meeting calendar for your review  
China calendar for September 2014.pub

FYI, here's the updated calendar for China post-2020 meetings.

**From:** Sierawski, Clare S [mailto:SierawskiCS@state.gov]  
**Sent:** Thursday, August 28, 2014 3:10 PM  
**To:** 'Gallagher, Kelly'; Wagner, David Vance; Schuler, Reed M; Rick Duke  
(**Ex. 6 - Privacy**); 'Ulman, Christie'; Hultman, Nathan; LeFranc, Maurice; Fawcett,  
Allen; Jonathan Kaufman; Luke Bassett (Luke.Bassett@Hq.Doe.Gov); 'Jim Fores'  
(Jim.Fores@hq.doe.gov); (**Ex. 6 - Privacy, Paul Bodnar**); (**Ex. 6 - Privacy, Kristina Costa**)  
Patron, Michelle  
**Subject:** RE: China meeting calendar for your review

...and with attachment. Thanks!

**From:** Sierawski, Clare S  
**Sent:** Thursday, August 28, 2014 3:09 PM  
**To:** 'Gallagher, Kelly'; Wagner, David Vance; Schuler, Reed M; Rick Duke (**Ex. 6 - Privacy**);  
'Ulman, Christie'; Hultman, Nathan; Maurice LeFranc (LeFranc.Maurice@epa.gov);  
'Fawcett.Allen@epa.gov'; 'Jonathan Kaufman'; Luke Bassett (Luke.Bassett@Hq.Doe.Gov); 'Jim Fores'  
(Jim.Fores@hq.doe.gov)  
**Subject:** China meeting calendar for your review

Hey All! I'm trying to get our China schedule locked in for the month so it's less ad hoc feeling, and we can make sure everyone is available for the important meetings. Could you please take a look at the attached and comment/suggest changes (or let me know that it looks fine)? Kelly – will you be following up with Zou Ji to schedule the next DVC?

Thank you!

Clare

Clare Sierawski

Chief of Staff

Office of the Special Envoy for Climate Change

202-647-9687



**To:** Gunning, Paul[Gunning.Paul@epa.gov]  
**From:** Fawcett, Allen  
**Sent:** Mon 8/25/2014 8:29:46 PM  
**Subject:** FW: Prep for China DVC - Draft deck attached  
DVC 1 Presentation v2.8.pptx

Paul,

Here are the draft slides for the China DVC. The outline is:

## Ex. 5 - Deliberative

## Ex. 5 - Deliberative

Allen

**From:** Hultman, Nathan [mailto:[Ex. 6 - Privacy](#)]  
**Sent:** Monday, August 25, 2014 4:15 PM  
**To:** Duke, Rick; 'Sierawski, Clare S'; 'Schuler, Reed M'; Wagner, David Vance; Gallagher, Kelly; 'Pershing, Jonathan'; 'Trevor Houser'; 'Luke.Bassett@Hq.Doe.Gov'; Fawcett, Allen; 'Jim.Fores@hq.doe.gov'; Talley, Trigg; Ulman, Christie  
**Cc:** 'Sabruno, Vanita'; 'Artusio, Christo F'; Albares, Nick (Intern); Hansel, Peter  
**Subject:** Prep for China DVC - Draft deck attached

China team,

Here is our current draft of the DVC deck. We can run through this tomorrow at our meeting.

Nate



**To:** Gunning, Paul[Gunning.Paul@epa.gov]; LeFranc, Maurice[LeFranc.Maurice@epa.gov]  
**From:** Fawcett, Allen  
**Sent:** Mon 8/25/2014 2:30:24 PM  
**Subject:** FW: Briefs for Review  
[Baseline Brief 20140824.docx](#)  
[Comparability Brief 20140824.docx](#)  
[NDC Brief 20140824.docx](#)

Here are the updated versions of the China white papers that we talked to Janet and Joe about last week. Not sure if they read the earlier drafts, or if they'd be interested in seeing the latest versions. These versions are over for EOP review this week with comments due back by COB Tuesday.

**From:** Clarke, Leon E [mailto:Leon.Clarke@pnnl.gov]  
**Sent:** Sunday, August 24, 2014 11:27 AM  
**To:** Fawcett, Allen; Schuler, Reed M; Edmonds, James A (Jae); McJeon, Haewon C; Iyer, Gokul C; McFarland, James; Creason, Jared; Alsalam, Jameel; Iyer, Gokul C; Jeong, Minji; Nate Hultman  
**Subject:** Briefs for Review

All,

Attached are the three briefs that we have now produced for the project: Baseline Brief, Comparability Brief, and NDC Brief. Thanks to everyone for working so hard to get these together.

Per our discussion earlier this week, the plan is now to get feedback through Nate over the next two days. We will then meet again on Wednesday at 9:30 to discuss priorities for moving forward and the associated timeline (which will necessarily force some discipline in terms of what we might take on).

As a general overview, I think the briefs have come a long way and are generally trending toward something very good. At the same time, there are a lot of pages of text and figures here and a lot of information, particularly with

**Ex. 5 - Deliberative**

## **Ex. 5 - Deliberative**

In addition, there are some items we already know should be on the list of possible actions for the next

round. For documentation purposes, I'm noting them here. These include the following: Ex. 5 - Deliberative

## Ex. 5 - Deliberative

Anyway, so it is now off to Nate to get some feedback by COB Tuesday, and we will reconvene on Wednesday to discuss priorities.

Leon

**To:** Goffman, Joseph[Goffman.Joseph@epa.gov]; McCabe, Janet[McCabe.Janet@epa.gov]  
**Cc:** Fawcett, Allen[Fawcett.Allen@epa.gov]; Gunning, Paul[Gunning.Paul@epa.gov]  
**From:** LeFranc, Maurice  
**Sent:** Thur 8/21/2014 12:23:37 PM  
**Subject:** Fw: China post-2020 mtg  
Draft Email on DVC 20 August 2014.docx

Joe:

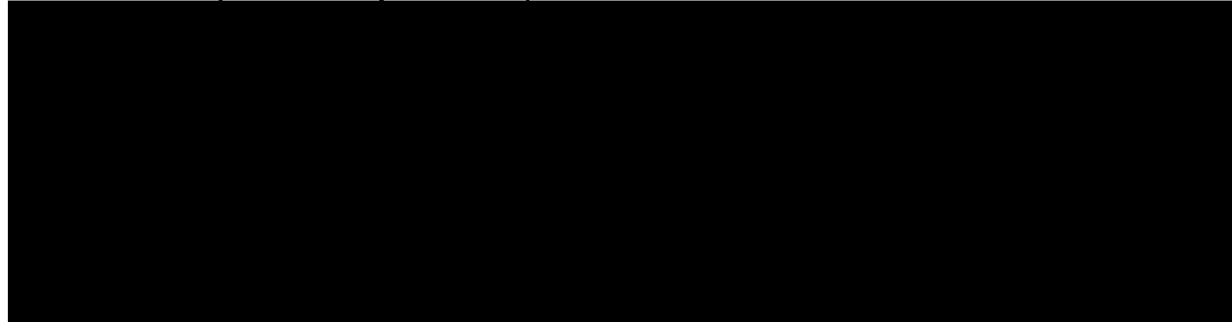
Follow up on China - attached is draft email to Chinese. It is consistent with questions we saw earlier.

They have you and Allen as reps for EPA which makes sense if this stays as a technical discussion. If there is space I can go with you as well.

Let me know if you want me to OK this with Kelly.

Maurice

Sent from my BlackBerry 10 smartphone on the Verizon Wireless 4G LTE network.



Hi all,

As a follow-up to our China post-2020 meeting today, attached is a draft email for me to send to Zou Ji tomorrow. It includes the list of questions that we want to ask the Chinese to address in the DVC and beyond.

Please let me know if you have any edits, questions, or concerns.

Best,  
Kelly



**To:** Fawcett, Allen[Fawcett.Allen@epa.gov]; Gunning, Paul[Gunning.Paul@epa.gov]; Irving, Bill[Irving.Bill@epa.gov]  
**From:** LeFranc, Maurice  
**Sent:** Mon 8/18/2014 2:53:42 PM  
**Subject:** draft agenda for Janet post-2020  
[Agenda for Discussion on Post 2020.docx](#)

Let me know if you think this will be helpful for this morning.

Maurice N. LeFranc, Jr.

Senior Advisor for International Climate Change

Office of Air and Radiation

U.S. Environmental Protection Agency

Office Phone: 202-564-1813

Mobile: 202-450-7863

**To:** Gunning, Paul[Gunning.Paul@epa.gov]  
**Cc:** Kocchi, Suzanne[Kocchi.Suzanne@epa.gov]  
**From:** Irving, Bill  
**Sent:** Wed 4/30/2014 9:25:18 PM  
**Subject:** FW: Post-2020 land sector accounting  
U S submission on elements of the 2105 agreement.docx

Just FYI – as discussed, we have this one covered for tomorrow.

**From:** Dragisic, Christine D [mailto:DragisicCD@state.gov]  
**Sent:** Wednesday, April 30, 2014 5:22 PM  
**To:** Meisel, Julia S; Talley, Trigg; Artusio, Christo F; Verdieck, John D; Strait, Elan P; Schuler, Reed M; Shira Yoffe (syoffe@fs.fed.us); Bill Hohenstein (WHOHENST@oce.usda.gov); Irving, Bill; LeFranc, Maurice; Fawcett, Allen; dcleaves@fs.fed.us  
**Cc:** LeFranc, Maurice; Ohrel, Sara  
**Subject:** RE: Post-2020 land sector accounting

Hi everyone,

We look forward to the discussion tomorrow. I thought I might recirculate the U.S. submission on elements of the 2015 agreement, as this provides some helpful “broader” context on our approach to the agreement itself. This might prove useful to inform the discussions tomorrow.

Best,  
Chris

**Christine Dragisic**

REDD+ Focal Point | U.S. Department of State | Office of Global Change (OES/EGC)

DragisicCD@state.gov | +1 (202) 736-7444 | 2201 C St NW, Room 2480 | Washington, DC 20520



-----Original Appointment-----

**From:** Meisel, Julia S

**Sent:** Wednesday, April 02, 2014 5:42 PM

**To:** Meisel, Julia S; Talley, Trigg; Artusio, Christo F; Dragisic, Christine D; Verdieck, John D; Strait, Elan P; Schuler, Reed M; Shira Yoffe ([syoffe@fs.fed.us](mailto:syoffe@fs.fed.us)); Bill Hohenstein ([WHOHENST@oce.usda.gov](mailto:WHOHENST@oce.usda.gov)); Bill Irving ([irving.bill@epa.gov](mailto:irving.bill@epa.gov)); Maurice LeFranc ([LeFranc.Maurice@epamail.epa.gov](mailto:LeFranc.Maurice@epamail.epa.gov)); 'Fawcett, Allen'; [dcleaves@fs.fed.us](mailto:dcleaves@fs.fed.us)

**Cc:** 'LeFranc, Maurice'; 'Ohrel, Sara'

**Subject:** Post-2020 land sector accounting

**When:** Thursday, May 01, 2014 10:30 AM-11:30 AM (UTC-05:00) Eastern Time (US & Canada).

**Where:** State 2846

Call-in information for those who are traveling (please do attend in person if you are able):

from inside the U.S.: Ex. 6 - Privacy

from outside the U.S.: Ex. 6 - Privacy

passcode: Ex. 6 - Privacy

This email is UNCLASSIFIED

**To:** Irving, Bill[[Irving.Bill@epa.gov](mailto:Irving.Bill@epa.gov)]; Gunning, Paul[[Gunning.Paul@epa.gov](mailto:Gunning.Paul@epa.gov)]; Fawcett, Allen[[Fawcett.Allen@epa.gov](mailto:Fawcett.Allen@epa.gov)]; Ohrel, Sara[[Ohrel.Sara@epa.gov](mailto:Ohrel.Sara@epa.gov)]  
**From:** LeFranc, Maurice  
**Sent:** Tue 4/29/2014 1:32:17 PM  
**Subject:** FW: Emissions Graph - 1st Draft  
[Emission Projections - Draft March 20.xlsx](#)

Shared with State after last post-2020 meeting

**Ex. 5 - Deliberative**

**Ex. 5 - Deliberative**

**From:** Wang, Weber  
**Sent:** Thursday, March 20, 2014 6:32 PM  
**To:** LeFranc, Maurice  
**Subject:** Emissions Graph - 1st Draft

Attached is the 1<sup>st</sup> draft of the graph. I can jigger some more with it on Monday.

Cordially,

**Weber Wang**

Special Assistant to the Assistant Administrator

Office of Air and Radiation

U.S. Environmental Protection Agency

Tel: 202-566-0766

[wang.weber@epa.gov](mailto:wang.weber@epa.gov)

**To:** Harvey, Reid[Harvey.Reid@epa.gov]; Gunning, Paul[Gunning.Paul@epa.gov]  
**Cc:** Fawcett, Allen[Fawcett.Allen@epa.gov]  
**From:** Kocchi, Suzanne  
**Sent:** Tue 4/15/2014 12:02:56 PM  
**Subject:** latest exercise - not sure if this helps  
[Post 2020 - DOE and EPA Power Sector Abatement Estimates 02-27-14.xlsx](#)  
[Biennial Report & Post-2020 Power Sector Abatement Estimates 02-27-14.pptx](#)

While Allen is still on his way in, looking thru my email, it looks like this was done in Feb. Not sure if it contains **Ex. 5 - Deliberative**

**From:** Fawcett, Allen  
**Sent:** Thursday, February 27, 2014 11:47 AM  
**To:** Harvey, Reid; Gunning, Paul  
**Cc:** Stenhouse, Jeb; Adamantiades, Mikhail; Alsalam, Jameel; Ragnauth, Shaun; Creason, Jared; Kocchi, Suzanne  
**Subject:**

Reid and Paul,

The attached slides are an attempt to **Ex. 5 - Deliberative**

# Ex. 5 - Deliberative

I imagine there will be interest in discussing these numbers at the post-2020 meeting next Tuesday at 5. Please take a look at this, and let me know if you have any questions or comments and what your thoughts are on how we should proceed.

Thanks,

Allen

**To:** Gunning, Paul[Gunning.Paul@epa.gov]  
**From:** Fawcett, Allen  
**Sent:** Wed 2/26/2014 10:28:45 PM  
**Subject:** post-2020 DOE vs EPA estimates  
Biennial Report & Post-2020 Power Sector Abatement Estimates.pptx

Paul,

Here's what I pulled together on **Ex. 5 - Deliberative**  
**Ex. 5 - Deliberative** Misha is reviewing in the morning before we share this more broadly. Let me know if you want to discuss.

Allen

**To:** Gunning, Paul[Gunning.Paul@epa.gov]  
**From:** Fawcett, Allen  
**Sent:** Thur 2/20/2014 8:06:52 PM  
**Subject:** slides for post-2020 meeting  
[Post 2020 NonCO2 Abatement Potential.pptx](#)  
[US CHN Emissions EMF27 AME Post 2020 20140210 vfinal.pptx](#)

Paul,

Here are the non-CO2 slides and the China slides for the post-2020 meeting tomorrow. Dave Godwin is working on the HFC slide, and hopefully will have that ready later today or early tomorrow.

Allen

## U.S. Submission on the 2015 Agreement

The United States is committed to playing a leadership role on climate change, both before and after 2020. President Obama recently announced the U.S. Climate Action Plan, which contains a broad range of actions to enhance U.S. efforts toward our 2020 mitigation commitment and beyond.

The United States put forward some initial views on the 2015 agreement in its March submission. Since that time, there has been substantial international discussion, both formal and informal, of these and other ideas. We appreciate the good spirit and openness of such discussions.

We have heard a number of very helpful suggestions, and learned from each other. It is useful to build on this dialogue. To do so, in this submission, we further elaborate certain aspects of the 2015 agreement, in part in response to many useful issues that have been raised by others.

### Elements of the Package

Structurally, we see the agreement as being part of a larger package:

- The **agreement itself** will contain core provisions that are designed to stand the test of time. The agreement should, all things being equal, be concise. The more concise the agreement is, the easier it will be to negotiate and complete, and the more understandable it will be for domestic decision makers and constituencies.
- We would see somewhat more detail on mitigation and transparency, given their specific nature.
- Like the FCCC, the agreement is likely to contain a mix of provisions that are legally binding and non-legally binding.
- We should not need to revisit the basic structure of the agreement to account for changing circumstances, or when Parties make new mitigation commitments in the future. Therefore, the structure will need to be sufficiently flexible to account for changing circumstances.

Parties' **specific mitigation commitments**, contained in a side document (such as a "schedule"), would also be part of the package. Such commitments would be nationally determined by Parties and would have gone through the consultative process that we have outlined (and which we further elaborate below).

The package will also include various **COP decisions** that either implement elements of the agreement in greater detail, or address issues more appropriately dealt with through decisions.

### Timeline

With particular reference to mitigation commitments, there has been discussion of when such commitments should be in their final form and – working backwards – when they should be put

forward by Parties in draft form. Many countries expect that commitments should be ready by the end of 2015, as part of the 2015 package.

We think it should be possible for Parties to come up with draft commitments by early 2015, in time for a consultative process to take place during 2015:

- Many Parties are already looking across their economies at cost-effective mitigation opportunities.
- For its part, the United States is working now to analyze its opportunities for reducing emissions post-2020. We would encourage other Parties to do likewise.

Parties should intensify their discussions on the timeframe and other relevant parameters of nationally determined commitments. We do not think that these issues need to delay preparation and sharing of draft commitments. Should provisos be necessary in relation to any aspect on which there is a lack of clarity, a Party is obviously free to make such proviso clear.

### **Mitigation Commitments**

In our earlier submission, we advocated an approach to mitigation that relies on nationally determined commitments, and we continue to think that is the approach most likely to lead to greater ambition and participation.

We think ambition and participation will be maximized if each Party can put forward a commitment it deems appropriate and fair for its circumstances and is in a position to implement. Parties are much more likely to participate in the agreement, and to implement their commitments, if they have designed their own commitments to be consistent with their circumstances and capabilities. We believe that ex ante clarity and a public consultative period will provide a significant incentive for Parties to put forward ambitious commitments, because each Party will need to be prepared to justify their commitment to the world.

We understand that there will be variation in type and stringency of commitments among Parties. This is by design, to ensure that each Party is constructing a commitment that reflects its national circumstances and full capabilities.

- Some Parties may choose to have more than one element to their commitment, as a combination of approaches may work best for their circumstances. For example, a Party may put forward a hard cap in one sector with emissions that are easy to project, an intensity target in another sector, and policies in a third sector; together, these would form their commitment. Parties should provide an overall quantum of the reductions that they expect to achieve.
- In addition, while the bulk of a commitment should be quantifiable in terms of expected emissions reductions, some Parties may include elements in their commitments that will reduce emissions, but are not quantified or quantifiable in GHG reductions, such as research and development investments, or a carbon price.
- All elements of a commitment ought to be considered in any overall examination of a Party's commitment.



It is also important that commitments be sufficiently clear that Parties can understand the ambition embedded in the Party's commitment and, to the extent possible, how they affect the Party's emission profile. More details on our proposal for providing ex ante information are provided below.

We do not see an approach based on formulas or involving categories of Parties, particularly categories designed thirty years before this agreement becomes effective.

We recognize the value and importance of an accounting system that applies to all Parties and that provides understanding of Parties' commitments, prevents double counting of international units, and provides assurances that countries are doing what they said they would do. This accounting system should be flexible enough that it can be applied by all countries.

### **Format of Commitments**

We suggest that each Party submit a commitment together with clarifying information, including the ex ante information described below, in a simple format that is easy for a reader to understand. We have provided, at the end of this submission, a notional indication of how this might look.

### **Ex ante clarity**

Given the range of national circumstances among Parties, commitments can be expected to be expressed in a variety of ways (e.g., absolute reductions vs. intensity reductions). As noted, we consider that this is a good thing -- it will encourage ambition and broad participation.

At the same time, there is a legitimate need for Parties to understand each other's commitments, both to be able to analyze them in relation to their own commitments and to be able to look at the aggregate effort being put forward.

The amount of clarifying information that should be provided should strike the appropriate balance between the need for others to understand what is being put forward and the need to avoid imposing onerous burdens on Parties, particularly those with less capability.

We think the following list strikes the right balance, but of course not all of these items will apply to each Party's commitment:

- the base year/period;
- the gases and sectors covered;
- the percentage of total national emissions covered;
- the overall emissions reduction anticipated;
- any use/types of offsets and/or emissions trading; and
- any methodologies/assumptions relating to the commitment.

Some of this information might be part of the commitment itself (e.g., the base year), and some of it would accompany the commitment to provide clarity. In any case, between the expression

of the commitment and the accompanying ex ante clarifying information, all of the information would be available to other Parties and the public.

### **Consultative Process**

We thought it would be useful to describe in greater detail how we see the Consultative Process working. We suggest:

- that Parties would have discussions with each other regarding their respective draft commitments and might encourage those that had not put forward a draft commitment to put one forward;
- that Parties would analyze others' draft commitments both in relation to their own and in light of the global temperature goal;
- that civil society would analyze the draft commitments and make its various views known;
- that independent analytic entities, such as the International Energy Agency and others, might do their own analysis of the commitments in relation to the global temperature goal;
- and that, during the UNFCCC meetings occurring during the consultative process, Parties could ask each other for clarity on the information provided ex ante (or any information that is NOT provided that should have been provided), why they think their actions are sufficient, etc. Sessions would be open to NGOs.

In our view, this period of focus on Parties' draft commitments will incentivize Parties to enter into this process with their best effort. A goal of this process is to encourage what we've called a "race to the top" – that is, a dynamic in which Parties are both comfortable with putting their best commitment forward, and uncomfortable about *not* putting their best effort forward, because they want others to see they are contributing the most they can do to solve the climate problem.

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Transparency is one of the primary tools that the Convention can use to enhance ambition. This is for multiple reasons:

- First, transparency lets each Party know what others are doing.
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- Third, transparency also increases the likelihood of Parties fulfilling their commitment by serving a facilitative function.
- Fourth, the act of writing regular reports and conducting regular greenhouse gas inventories requires Parties to take a look across their economies, identify sources of emissions, and identify mitigation opportunities. Reporting thereby encourages additional action.
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- Finally, transparency is essential to understanding how we all are measuring up to the global temperature goals.

Much work has been done with respect to transparency before and after the Cancun agreements, so we are not starting from scratch.

For the post-2020 period, we support a single transparency system with built-in flexibility to enable all Parties to participate consistent with their capabilities. We are not expecting everyone to be able to do this perfectly on day one. The experience of Parties over time highlights both the flexibility of the system and the value of learning by doing in improving the quality and availability of information. We are ready to work with Parties that need support in improving their transparency capabilities to help them do so.

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Adaptation is an essential part of a 2015 outcome. All countries will be impacted by climate change. While vulnerability to climate change differs across countries, communities, and even households, all Parties will need to continue to prepare themselves in the post-2020 era for the unavoidable impacts of climate change and enhance resilience in the face of future climate uncertainties.

Adaptation actions help the most vulnerable reduce their exposure and sensitivity to climate change, and improve their capacity to predict, prepare for, and avoid adverse impacts. The costs of preparedness and risk management, for instance, can be far less than the costs of disaster relief and recovery. The World Bank and U.S. Geological Survey have calculated that global economic losses from natural disasters in the 1990s could have been reduced by \$280 billion if just one-seventh that amount were invested in preparedness and risk management efforts.

Adaptation actions are ultimately undertaken at the local level. They will vary from location to location, and their benefits will be felt most directly at the local, rather than the global, level. Each Party will therefore need to continue developing and implementing its adaptation plans and policies in a manner that fits its national circumstances and priorities.

In the post-2020 time frame, in order to effectively prepare for climate change impacts, Parties will need to enhance their efforts to:

- Integrate adaptation into national planning and development processes and policies in a way that is robust under multiple climate scenarios and addresses climate extremes, variability and longer-term changes;
- Undertake assessments of climate change impacts and vulnerability;
- Prioritize action on the people, places, ecosystems, infrastructure and sectors that are most vulnerable to climate change impacts, ensuring that plans and policies are designed with meaningful involvement from all parts of society and that international support is used effectively;
- Understand the costs and benefits of adaptation at the local level;
- Strengthen governance and enabling environments for adaptation, including for comprehensive climate risk management; and
- Monitor, report, evaluate, and learn from adaptation plans, policies and programs.

The 2015 outcome will play an essential role in supporting and enhancing these actions, including by building on the ongoing work in the subsidiary bodies and within existing institutional arrangements, such as the Cancun Adaptation Framework, the Adaptation Committee, National Adaptation Plan process, and the Nairobi Work Program. Such ongoing work can:

- Strengthen linkages with and encouraging actions and support by institutions and organizations outside the Convention, such as those at the regional, national and sub-national levels, like national and local governments, universities, civil society

organizations, intergovernmental organizations, and the private sector. Institutions outside the Convention can contribute much-needed expertise, capacity, and resources to advance work in the areas that Parties identify as critical;

- Support the synthesis of information and knowledge about good adaptation practices from existing resources and the provision of technical guidance on good practices, including on integrating adaptation into national and development planning and policies; and
- Improve national communications so that they can more effectively capture and support national adaptation planning processes. This will facilitate accountability as well as the exchange of knowledge, lessons and good practices.

The United States will continue to provide significant support post-2020 to the most vulnerable countries and communities as a key component of our broader climate support efforts.

All Parties can significantly improve their management of climate risks, and the 2015 outcome can send an important signal for bolder action by countries, international organizations, and sub-national entities on adaptation.

## **Finance**

Significant climate finance will continue to flow after 2020. In the last five to ten years, we have collectively created important new infrastructure for climate finance to support developing countries to reduce emissions, protect their forests, and adapt to the impacts of climate change. We expect the arrangements for climate finance support to grow and strengthen beyond 2020. We have agreed to mobilize jointly public and private climate finance of \$100 billion per year by 2020 in the context of meaningful mitigation actions and transparency on implementation, and we are working diligently to mobilize this finance in a real and meaningful way. In addition to scaling up our own range of tools to support climate action in developing countries, the United States has played a leadership role in organizing coordinated work by developed countries to respond to the \$100 billion challenge.

The many multilateral, regional, and bilateral institutions and mechanisms for mobilizing climate finance that either have been or are being put in place before 2020 will continue to develop and evolve beyond 2020. We will continue to build and strengthen the climate finance institutions and processes we have put in place in recent years, including the Green Climate Fund, the Standing Committee, and processes for transparency of finance, as well as the significant complementary institutions and processes that lie outside of the UNFCCC.

Public finance will continue to be important for adaptation and for supporting mitigation efforts in less developed markets, while mobilizing private investment through efficient use of public resources and effective public policies will continue to be a key focus of post-2020 cooperative efforts among middle and higher income countries.

Over the coming decades, trillions of dollars in investment – both public and private – will flow into infrastructure in developing countries. Our collective challenge as governments is to get the incentives right – to implement the right kinds of policies and work to strategically re-orient

these investments into low-carbon, climate-resilient investments instead of high-carbon, unsustainable investments.

We need to build an international climate finance system that provides appropriate forms of support for countries that implement ambitious climate policies as well as enact the enabling policies necessary to attract public and private investment. The appropriate forms of support will vary widely by country and sector, and will include grants, concessional loans, non-concessional loans, risk mitigation instruments, technical assistance, etc.

Promoting finance flows into developing country green infrastructure is a two-way street – efforts to “push” resources into these markets will only be successful if recipient countries enact the enabling policies and regulatory reforms needed to “pull” investment in. If countries build robust investment plans and supportive domestic policies, international and domestic finance will flow to those countries.

We also expect that countries’ status as recipients of– and contributors to – different forms of climate finance will evolve over time.

**Party:**

Description of commitment, including, as applicable, base year/s	
List, as desired, relevant domestic laws, regulations, etc.	
Major assumptions/ methodologies needed for any commitments not expressed in absolute emission terms	

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**Clarifying Information**

<b>Gases Covered:</b> (indicate all gases that are covered, and/or provide explanation if gases are different for different parts of commitment)
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<b>Anticipated Overall National Emission Level in target year</b>
<b>Additional information</b> (as needed to further understand any elements of the commitment)

**Description of commitment(s):**

Parties would describe what they are committing to (for example, economy-wide target, intensity target, policies and measures, etc.), and any other parameters that are central to the commitment itself, such as the base year. Parties would include all components of their commitment in the description, including any non-quantified components, such as research and development goals.

**Relevant Domestic Laws, Policies and Regulations:**

Parties would list any significant domestic laws or policies that buttress the commitment and will be relevant to its implementation.

**Assumptions/Methodologies for baseline scenario or projection:**

For any commitment or elements of a commitment that are reflected in non-absolute terms, Parties would provide some background information on the construction of the projection so that other Parties can fully understand it.

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**Use of International Markets or Offsets:** Parties would describe whether they plan on using international units to fulfill their commitment, as well as describing how they plan on avoiding double counting.

**Anticipated Overall National Emission Level in Target Year:** Parties would make an effort to estimate their overall emissions in the target year. Parties would not be committing to this estimate; the estimate would only serve as accompanying information to fully understand the expected impact of the commitment.

**Additional Information:** Parties would include any additional information needed to fully understand the commitment.



## U.S. Submission on the 2015 Agreement

The United States is committed to playing a leadership role on climate change, both before and after 2020. President Obama recently announced the U.S. Climate Action Plan, which contains a broad range of actions to enhance U.S. efforts toward our 2020 mitigation commitment and beyond.

The United States put forward some initial views on the 2015 agreement in its March submission. Since that time, there has been substantial international discussion, both formal and informal, of these and other ideas. We appreciate the good spirit and openness of such discussions.

We have heard a number of very helpful suggestions, and learned from each other. It is useful to build on this dialogue. To do so, in this submission, we further elaborate certain aspects of the 2015 agreement, in part in response to many useful issues that have been raised by others.

### Elements of the Package

Structurally, we see the agreement as being part of a larger package:

- The **agreement itself** will contain core provisions that are designed to stand the test of time. The agreement should, all things being equal, be concise. The more concise the agreement is, the easier it will be to negotiate and complete, and the more understandable it will be for domestic decision makers and constituencies.
- We would see somewhat more detail on mitigation and transparency, given their specific nature.
- Like the FCCC, the agreement is likely to contain a mix of provisions that are legally binding and non-legally binding.
- We should not need to revisit the basic structure of the agreement to account for changing circumstances, or when Parties make new mitigation commitments in the future. Therefore, the structure will need to be sufficiently flexible to account for changing circumstances.

Parties' **specific mitigation commitments**, contained in a side document (such as a "schedule"), would also be part of the package. Such commitments would be nationally determined by Parties and would have gone through the consultative process that we have outlined (and which we further elaborate below).

The package will also include various **COP decisions** that either implement elements of the agreement in greater detail, or address issues more appropriately dealt with through decisions.

### Timeline

With particular reference to mitigation commitments, there has been discussion of when such commitments should be in their final form and – working backwards – when they should be put

forward by Parties in draft form. Many countries expect that commitments should be ready by the end of 2015, as part of the 2015 package.

We think it should be possible for Parties to come up with draft commitments by early 2015, in time for a consultative process to take place during 2015:

- Many Parties are already looking across their economies at cost-effective mitigation opportunities.
- For its part, the United States is working now to analyze its opportunities for reducing emissions post-2020. We would encourage other Parties to do likewise.

Parties should intensify their discussions on the timeframe and other relevant parameters of nationally determined commitments. We do not think that these issues need to delay preparation and sharing of draft commitments. Should provisos be necessary in relation to any aspect on which there is a lack of clarity, a Party is obviously free to make such proviso clear.

### **Mitigation Commitments**

In our earlier submission, we advocated an approach to mitigation that relies on nationally determined commitments, and we continue to think that is the approach most likely to lead to greater ambition and participation.

We think ambition and participation will be maximized if each Party can put forward a commitment it deems appropriate and fair for its circumstances and is in a position to implement. Parties are much more likely to participate in the agreement, and to implement their commitments, if they have designed their own commitments to be consistent with their circumstances and capabilities. We believe that ex ante clarity and a public consultative period will provide a significant incentive for Parties to put forward ambitious commitments, because each Party will need to be prepared to justify their commitment to the world.

We understand that there will be variation in type and stringency of commitments among Parties. This is by design, to ensure that each Party is constructing a commitment that reflects its national circumstances and full capabilities.

- Some Parties may choose to have more than one element to their commitment, as a combination of approaches may work best for their circumstances. For example, a Party may put forward a hard cap in one sector with emissions that are easy to project, an intensity target in another sector, and policies in a third sector; together, these would form their commitment. Parties should provide an overall quantum of the reductions that they expect to achieve.
- In addition, while the bulk of a commitment should be quantifiable in terms of expected emissions reductions, some Parties may include elements in their commitments that will reduce emissions, but are not quantified or quantifiable in GHG reductions, such as research and development investments, or a carbon price.
- All elements of a commitment ought to be considered in any overall examination of a Party's commitment.

It is also important that commitments be sufficiently clear that Parties can understand the ambition embedded in the Party's commitment and, to the extent possible, how they affect the Party's emission profile. More details on our proposal for providing ex ante information are provided below.

We do not see an approach based on formulas or involving categories of Parties, particularly categories designed thirty years before this agreement becomes effective.

We recognize the value and importance of an accounting system that applies to all Parties and that provides understanding of Parties' commitments, prevents double counting of international units, and provides assurances that countries are doing what they said they would do. This accounting system should be flexible enough that it can be applied by all countries.

### **Format of Commitments**

We suggest that each Party submit a commitment together with clarifying information, including the ex ante information described below, in a simple format that is easy for a reader to understand. We have provided, at the end of this submission, a notional indication of how this might look.

### **Ex ante clarity**

Given the range of national circumstances among Parties, commitments can be expected to be expressed in a variety of ways (e.g., absolute reductions vs. intensity reductions). As noted, we consider that this is a good thing -- it will encourage ambition and broad participation.

At the same time, there is a legitimate need for Parties to understand each other's commitments, both to be able to analyze them in relation to their own commitments and to be able to look at the aggregate effort being put forward.

The amount of clarifying information that should be provided should strike the appropriate balance between the need for others to understand what is being put forward and the need to avoid imposing onerous burdens on Parties, particularly those with less capability.

We think the following list strikes the right balance, but of course not all of these items will apply to each Party's commitment:

- the base year/period;
- the gases and sectors covered;
- the percentage of total national emissions covered;
- the overall emissions reduction anticipated;
- any use/types of offsets and/or emissions trading; and
- any methodologies/assumptions relating to the commitment.

Some of this information might be part of the commitment itself (e.g., the base year), and some of it would accompany the commitment to provide clarity. In any case, between the expression

of the commitment and the accompanying ex ante clarifying information, all of the information would be available to other Parties and the public.

### **Consultative Process**

We thought it would be useful to describe in greater detail how we see the Consultative Process working. We suggest:

- that Parties would have discussions with each other regarding their respective draft commitments and might encourage those that had not put forward a draft commitment to put one forward;
- that Parties would analyze others' draft commitments both in relation to their own and in light of the global temperature goal;
- that civil society would analyze the draft commitments and make its various views known;
- that independent analytic entities, such as the International Energy Agency and others, might do their own analysis of the commitments in relation to the global temperature goal;
- and that, during the UNFCCC meetings occurring during the consultative process, Parties could ask each other for clarity on the information provided ex ante (or any information that is NOT provided that should have been provided), why they think their actions are sufficient, etc. Sessions would be open to NGOs.

In our view, this period of focus on Parties' draft commitments will incentivize Parties to enter into this process with their best effort. A goal of this process is to encourage what we've called a "race to the top" – that is, a dynamic in which Parties are both comfortable with putting their best commitment forward, and uncomfortable about *not* putting their best effort forward, because they want others to see they are contributing the most they can do to solve the climate problem.

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**Additional Information:** Parties would include any additional information needed to fully understand the commitment.

## **U.S. Submission on Ambition**

The United States views the ambition work stream as an integral part of the ADP's work. The UNFCCC plays an essential role in promoting ambition, importantly through the ADP, but also through many other bodies and groups. Ambition should also be advanced through every other avenue possible as well. All Parties should be addressing ambition at home, through bilateral and plurilateral partnerships, and of course within the UNFCCC. As countries address ambition in these ways, they should also encourage subnational entities and the private sector to advance ambition.

Below, we identify some of the ways the United States is working to advance ambition in a variety of settings, we outline concepts for how the UNFCCC can further assist Parties in advancing their own ambition, and we comment on catalyzing non-state action.

### **Domestic Efforts**

In 2012, U.S. carbon emissions fell to the lowest level in two decades – even as the economy continued to grow. In June, President Obama announced the U.S. Climate Action Plan, which, along with existing policies, puts the United States on a path to reducing U.S. greenhouse gas emissions in the range of 17 percent below 2005 levels by 2020. Among other things, the Climate Action Plan:

- Directs the Environmental Protection Agency to work closely with states, industry and other stakeholders to establish carbon pollution standards for both new and existing power plants;
- Commits to partnering with industry and stakeholders to develop fuel economy standards for heavy-duty vehicles to further reduce fuel consumption post-2018; leverages new opportunities to reduce pollution of hydrofluorocarbons (HFCs); directs agencies to develop a comprehensive methane strategy; and commits to protecting forests and critical landscapes;
- Increases funding for clean energy technology across all government agencies by 30 percent, to approximately \$7.9 billion;
- Directs the Department of the Interior to permit enough renewable energy development – such as wind and solar – on public lands by 2020 to power more than 6 million homes.

### **International Efforts**

The United States also continues to advance ambition through numerous efforts on the international stage, in particular by pressing for a phase-down of the production and consumption of HFCs, which is one of the single largest mitigation actions that can be taken by the international community, representing reductions of up to 90 gigatons of CO<sub>2</sub> equivalent through 2050. These efforts include:

- Pursuing a phase down of the production and consumption of HFCs through the Montreal Protocol. At the September 2013 G-20 summit, building on the agreement by the leaders of the U.S. and China, G-20 countries expressed support for using the institutions and expertise of the Montreal Protocol to phase down HFCs. The next step is to establish a contact group at the October, 2013 Montreal Protocol meeting to discuss an HFC phase down amendment.
- Working to end public financing for new coal-fired power plants internationally, except in rare circumstances. Most recently, the United States was joined in this commitment by the leaders of

Denmark, Finland, Iceland, Norway, and Sweden. The United States will continue to work with those countries to secure the support of other countries and multilateral development banks to adopt similar policies.

- Continuing to work through the G-20, which also endorsed the development of and participation in voluntary peer review processes in efforts to phase out inefficient fossil fuel subsidies. The International Energy Agency estimates that eliminating subsidies – amounting to more than \$500 billion annually – would reduce greenhouse gas emissions 10 percent below business-as-usual levels in 2050.
- The Clean Energy Ministerial is helping countries to develop and implement a broad range of innovative low-carbon technologies and practices that can substantially reduce emissions in the years to come. Thanks in part to a technical exchange facilitated under the Clean Energy Ministerial, India became the first country in the world to comprehensively regulate the performance, safety, and quality of light-emitting diodes (LEDs).
- The Climate and Clean Air Coalition has raised awareness at a political level of the importance of action on short-lived climate pollutants, and has begun an international effort to reduce these pollutants. It has grown to 34 country partners and 38 non-country partners in just over 18 months, and has raised more than \$60 million in new funding and pledges. Among other things, it is:
  - piloting and promoting alternatives to HFCs;
  - working with cities to reduce methane and black carbon from municipal solid waste (MSW) and landfills;
  - cooperating with the private sector to avoid methane leakage, venting, and flaring from oil and gas production;
  - conducting regional assessments to highlight high-potential, cost-effective mitigation policies; and
  - addressing black carbon from brick kilns, cookstoves, and diesel engines.

## **Increasing Ambition in the UNFCCC**

### *Enhancing Existing Pledges and Encouraging New Pledges*

To reiterate from our last submission, we believe that there are several actions that could be taken to enhance the ambition of pre-2020 pledges:

- First, Parties who have not yet submitted pledges should be encouraged to do so. Many of these Parties are already undertaking ambitious action domestically, and should be encouraged to come forward with pledges, thereby receiving due acknowledgment for their actions. **Emissions from Parties that have not pledged are projected to be more than 20% of global emissions by 2020**, signifying the urgency of encouraging them to come forward.
- Second, **Parties who have not clarified their pledges should do so as soon as possible**. For many countries, these pledges represent substantial effort to mitigate emissions, but unless the world community can understand these pledges, and the ambition embedded therein, we cannot aggregate global efforts or give Parties proper credit for their ongoing actions.

- Third, we reiterate our suggestion to the Secretariat to **prominently display the current pledges on the UNFCCC website**, as well as an indication of which and how many Parties have put forward a pledge.
- Fourth, we should **develop a system to prevent the double counting of emission reductions** among countries that are using offsets to meet part of their international mitigation commitments. Developing such a system under the Framework for Various Approaches (FVA) would help contribute to greater transparency and ambition in the pre-2020 period. The U.S. has laid out clear recommendations in our submission to SBSTA on the FVA regarding methods to increase transparency and avoid double counting of emissions reductions among countries that are engaged in emissions trading in the pre-2020 time period.
- **Fifth, we should implement the transparency outcomes in the Cancun agreements and of subsequent COPs.** Developed country Parties should provide their biennial reports in a timely manner, on January 1, 2014. The United States is finalizing its Biennial Report. Developing country Parties are to provide their biennial update reports by December 31, 2014, in order to reflect meaningful and transparent mitigation actions. These reports can be used as a means of reviewing actions to enhance ambition in the pre-2020 time frame.

#### *How the Convention Can Help Parties Increase Ambition*

We should broadly consider how the Convention can help Parties increase ambition beyond just the remit of the ADP. While the ADP has the mandate to consider pre-2020 ambition generally, we should examine various bodies and work streams within the Convention to see whether adjustments would help Parties increase their national ambition. In our experience, there are essentially four components of national processes to reduce emissions. In developing national strategies, a country must generally:

- Assess its current sources of emissions;
- Identify mitigation opportunities;
- Facilitate investment; and
- Implement actions.

The Convention can play a number of useful roles in promoting the development and implementation of these actions. The ambition work stream might consider how the Convention can continue or enhance its work to increase mitigation ambition using some or all of the above tools. We believe the detailed AOSIS submission on Workstream 2 contains a number of relevant and helpful suggestions for how the Convention might support Parties in their identification of low-cost mitigation opportunities, including a structured process for Party discussion and expert consultation. We support a discussion about their proposal and these elements.

1. **Assessing Sources of Emissions:** The Convention can enhance ambition by providing additional or revised technical guidance for assessing current sources of emissions. More detailed reporting guidance might encourage greater precision in greenhouse gas measurement, which would enable countries to more specifically identify current sources of emissions and the most cost-effective opportunities for reduction.

2. **Identifying Mitigation Opportunities:** Once a country understands where its emissions are coming from, it can then begin to identify mitigation opportunities to reduce those emissions. The Convention may be able to enhance ambition by raising awareness of ongoing actions, including low emissions development strategies, and convening Parties to share knowledge of best practices.
3. **Facilitate Investment:** Reducing the size of the emissions gap requires shifting the pattern of investment flows towards climate-friendly/low-emission technologies. Our challenge is to take a limited but robust core of public money, combine that with smart policies – *supported by both developed and developing countries alike* – to catalyze maximum private investment, and to shift investment flows away from high-carbon and towards low-carbon investments. The Convention can play a role in both providing the technical guidance that assists in creating enabling environments to attract more investments, and in raising awareness about the low-carbon investment opportunities in those countries.
4. **Implement Actions:** The Convention can enhance ambition by completing the technical guidance for the Cancun MRV system. The MRV system is a useful tool for enhancing the implementation of mitigation actions in several important ways. The MRV system creates a clear global picture of the international mitigation landscape by encouraging Parties to publicize clear goals and update their progress on fulfilling them. When Parties are aware of the mitigation landscape and confident that other Parties are taking action, they are more likely to take action themselves, thus encouraging a “race to the top.”

#### **Catalyzing Enhanced Non-State Action**

- We suggest considering how to maximize the role of non-state actors in enhancing pre-2020 ambition. Sub-national actors, such as cities and provinces, are often well positioned to take meaningful action, particularly in the near term.
- The United States is working with a number of other countries and organizations, including ICLEI, to advance recognition of sub-national actors at the UNFCCC. This work is expected to include a high-level event at COP 20 and ongoing work to advance and support ambitious action at the state and city levels.
- We propose the launch of a platform that brings together subnational actors, the private sector, and other stakeholders to identify opportunities for ambitious action under the convening power of the UNFCCC (and other relevant fora). This platform could capture subnational and private sector pledges, identify opportunities for collaboration and leveraging of existing initiatives, and develop a set of concrete technical initiatives and deliverables that could be implemented in advance of the 2015 COP that would be designed to showcase real world solutions to climate change and contribute towards a more ambitious outcome at all levels in 2015.

**To:** Gunning, Paul[Gunning.Paul@epa.gov]  
**Cc:** Ragnauth, Shaun[Ragnauth.Shaun@epa.gov]  
**From:** Fawcett, Allen  
**Sent:** Fri 1/31/2014 4:51:32 PM  
**Subject:** non-CO2 post 2020 analysis

Paul,

Here's a summary of our proposed approach and timeline for post-2020 non-CO2 analysis.

# Ex. 5 - Deliberative

# **Ex. 5 - Deliberative**

Allen



**To:** LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Gunning, Paul[Gunning.Paul@epa.gov]  
**Cc:** Krieger, Jackie[Krieger.Jackie@epa.gov]  
**From:** Fawcett, Allen  
**Sent:** Thur 2/20/2014 2:44:02 PM  
**Subject:** RE: Materials for post-2020 analytics meeting tomorrow

Here's the list for EPA from the last meeting.

## Ex. 5 - Deliberative

# Ex. 5 - Deliberative

-----Original Message-----

**From:** LeFranc, Maurice  
**Sent:** Thursday, February 20, 2014 8:55 AM  
**To:** Fawcett, Allen; Gunning, Paul  
**Cc:** Krieger, Jackie  
**Subject:** Re: Materials for post-2020 analytics meeting tomorrow

Thanks - there was a list of next steps that included things like Ex. 5 - Deliberative Are we on the hook for these?

### Ex. 5 - Deliberative

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**From:** Fawcett, Allen  
**Sent:** Thursday, February 20, 2014 8:48:29 AM  
**To:** LeFranc, Maurice; Gunning, Paul  
**Cc:** Krieger, Jackie  
**Subject:** Re: Materials for post-2020 analytics meeting tomorrow

We're working on some Ex. 5 - Deliberative for the meeting that should be ready later this morning. The meeting is also going to cover Ex. 5 - Deliberative we discussed with State.

Allen

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**From:** LeFranc, Maurice  
**Sent:** Thursday, February 20, 2014 8:28:01 AM

To: Fawcett, Allen; Gunning, Paul  
Cc: Krieger, Jackie  
Subject: Materials for post-2020 analytics meeting tomorrow

Trying to catch up before meeting tomorrow. There were a number of assignments out of last meeting - can you let me know where we are on those and whether we have any materials we are prepping for the meeting? Thanks.

**To:** Ulman, Christie[[b\(6\) privacy](#)]  
**Cc:** Irving, Bill[[Irving.Bill@epa.gov](mailto:Irving.Bill@epa.gov)]; Fawcett, Allen[[Fawcett.Allen@epa.gov](mailto:Fawcett.Allen@epa.gov)]; Gunning, Paul[[Gunning.Paul@epa.gov](mailto:Gunning.Paul@epa.gov)]  
**From:** LeFranc, Maurice  
**Sent:** Wed 1/22/2014 9:45:09 PM  
**Subject:** RE: Checking in on Post 2020  
[Post-2020 Key Analytic Questions FINAL.docx](#)

Hi Christie:

Sorry. I had this ready on Friday and it got crazy here. Here is a general piece on where we can plug in to the analytic process. We would be glad to discuss.

Maurice

**From:** Ulman, Christie [mailto:[b\(6\) privacy](#)]  
**Sent:** Wednesday, January 22, 2014 12:37 PM  
**To:** LeFranc, Maurice  
**Subject:** Checking in on Post 2020

Hi Maurice,

I wanted to check in on the task of agencies listing what analyses they would like to undertake for the Post 2020 exercise. We probably don't need a super detailed list, but at least initial thoughts. Let me know how the process is going from the EPA side.

Thanks!  
Christie

Christie Ulman  
Deputy Associate Director  
Energy and Climate Change  
White House Council on Environmental Quality

**To:** Fawcett, Allen[Fawcett.Allen@epa.gov]  
**From:** Gunning, Paul  
**Sent:** Thur 6/19/2014 12:49:18 PM  
**Subject:** RE: Post 2020 mtg tomorrow am at WH.

Yes, now that the two proposals are at OMB

**From:** Fawcett, Allen  
**Sent:** Thursday, June 19, 2014 8:48 AM  
**To:** Gunning, Paul  
**Subject:** Re: Post 2020 mtg tomorrow am at WH.

So now we're

**Ex. 5 - Deliberative**

Ex. 5 - Deliberative

**From:** Gunning, Paul  
**Sent:** Thursday, June 19, 2014 8:42 AM  
**To:** Fawcett, Allen  
**Subject:** FW: Post 2020 mtg tomorrow am at WH.

Just FYI.....HFC #s

**From:** Newberg, Cindy  
**Sent:** Thursday, June 19, 2014 7:35 AM  
**To:** Dunham, Sarah; Krieger, Jackie; Gunning, Paul; Hufford, Drusilla  
**Cc:** Murphy, Tina  
**Subject:** RE: Post 2020 mtg tomorrow am at WH.

HFC doc attached.

**From:** Dunham, Sarah

**Sent:** Wednesday, June 18, 2014 5:16 PM  
**To:** Krieger, Jackie; Gunning, Paul; Hufford, Drusilla; Newberg, Cindy  
**Cc:** Murphy, Tina  
**Subject:** Post 2020 mtg tomorrow am at WH.

Maurice and I got tagged to go since joe is with janet at the hearing. So Tina, mtgs will need to be moved, sorry. Paul, can you pls send me (again) electronically the doc that

## **Ex. 5 - Deliberative**

**Ex. 5 - Deliberative** ;the one we used internally for the Todd stern call yesterday. If both of you can copy Tina on them, and Tina if you could print them tomorrow am, i'd appreciate it.

**To:** Bill Irving[Irving.Bill@epa.gov]  
**From:** Gunning, Paul  
**Sent:** Wed 6/18/2014 8:02:41 PM  
**Subject:** FW: Post-2020 meeting at WH tomorrow

**From:** LeFranc, Maurice  
**Sent:** Wednesday, June 18, 2014 3:59 PM  
**To:** Goffman, Joseph; McCabe, Janet; Dunham, Sarah  
**Cc:** Krieger, Jackie; Gunning, Paul; Fawcett, Allen  
**Subject:** Post-2020 meeting at WH tomorrow

I believe Joe has received an invitation to a post-2020 discussion on international commitments that will be held at the WH at 9:45 tomorrow. Rick Duke called me a minute ago to tee up two of the issues they would like to discuss – and to ask who would be coming to the meeting tomorrow since it is at the same time as the hearing.

## Ex. 5 - Deliberative

We need to get back to CEQ/WH on who would attend the meeting tomorrow so we can get clearance information to them and if Joe isn't able to attend a sense of our position on the two issues above.

Thank you.

Maurice N. LeFranc, Jr.

Senior Advisor for International Climate Change

Office of Air and Radiation

U.S. Environmental Protection Agency

Office Phone: 202-564-1813

Mobile: 202-450-7863

**To:** Fawcett, Allen[Fawcett.Allen@epa.gov]  
**Cc:** Kocchi, Suzanne[Kocchi.Suzanne@epa.gov]  
**From:** Gunning, Paul  
**Sent:** Thur 6/12/2014 7:22:49 PM  
**Subject:** RE: post-2020 one-pager

Perfect Allen. Thank you.

**From:** Fawcett, Allen  
**Sent:** Thursday, June 12, 2014 3:19 PM  
**To:** Gunning, Paul  
**Cc:** Kocchi, Suzanne  
**Subject:** RE: post-2020 one-pager

## Ex. 5 - Deliberative

I talked to Bryan again today, and he heard from Rick Duke that they are shooting for an interagency post-2020 meeting next week, but it hasn't been scheduled yet. In prep for that meeting,

Ex. 5 - Deliberative

## Ex. 5 - Deliberative

For the one-pager, Bryan liked the text we have, and we don't need it immediately for the meeting, but Johnathan and Judi wanted to iterate next week with a few more comments. The current version of the one pager is attached (no changes since what I sent yesterday).

Allen



# **Ex. 5 - Deliberative**

**From:** Gunning, Paul  
**Sent:** Thursday, June 12, 2014 3:01 PM  
**To:** Fawcett, Allen; Kocchi, Suzanne  
**Subject:** RE: post-2020 one-pager

Thanks Allen. Can you tell me what numbers changed in particular. I want to send the latest version to Joe and I want to be clear about what the specific changes were. Thanks!

**From:** Fawcett, Allen  
**Sent:** Wednesday, June 11, 2014 12:35 PM  
**To:** Gunning, Paul; Kocchi, Suzanne  
**Subject:** post-2020 one-pager

Paul,

Here's the updated version of the post-2020 one-pager with:

Ex. 5 - Deliberative

I touched base with Misha on these edits, and he confirmed they were fine with the changes.

Ex. 5 - Deliberative

Allen

**To:** Allen Fawcett[Fawcett.Allen@epa.gov]; Bill Irving[Irving.Bill@epa.gov]; Suzanne Kocchi[Kocchi.Suzanne@epa.gov]; Jackie Krieger[Krieger.Jackie@epa.gov]  
**From:** Gunning, Paul  
**Sent:** Wed 5/21/2014 8:41:12 PM  
**Subject:** FW: Carbon Pollution Standards under 111(d) -- 2020 Target/post-2020 Commitments  
CPS - 17 x 2020 one pager 5 20 14 version 3.docx  
Carbon Pollution Standards - 2020 and 2030 5-21-2014 Version 4.docx

FYI..

**From:** Goffman, Joseph  
**Sent:** Wednesday, May 21, 2014 4:35 PM  
**To:** LeFranc, Maurice; Gunning, Paul  
**Subject:** FW: Carbon Pollution Standards under 111(d) -- 2020 Target/post-2020 Commitments

**From:** Goffman, Joseph  
**Sent:** Wednesday, May 21, 2014 10:29 AM  
**To:** Ex. 6 - Privacy, John Podesta; 'Utech, Dan G.'  
**Cc:** Ex. 6 - Privacy, Administrator McCarthy; McCabe, Janet; Ex. 6 - Privacy, Deputy Administrator Perciasepe  
**Subject:** Carbon Pollution Standards under 111(d) -- 2020 Target/post-2020 Commitments

Hi, John and Dan – As we approach June 2 and prepare for communications to various domestic and international audiences, we have put together a couple of pieces that address the impact of the proposed Carbon Pollution Standard's CO2 reductions on the US 2020 target and on positioning with respect to post-2020 commitments. The Administrator suggested that we share the current drafts with both of you to think about and provide reaction. One piece focuses on the 2020 target only; the other encompasses both 2020 and post-2020.

Many thanks.

**To:** Reid Harvey[Harvey.Reid@epa.gov]  
**From:** Gunning, Paul  
**Sent:** Fri 5/16/2014 9:16:47 PM  
**Subject:** FW: QTA on 111d and post-2020  
111d and post-2020.docx

I wanted to get your input on this too. Please feel free to edit away. This is kind of a crazy exercise. Did you hear anything more from Joe on the WH meeting?

**From:** Irving, Bill  
**Sent:** Friday, May 16, 2014 3:39 PM  
**To:** Gunning, Paul  
**Subject:** QTA on 111d and post-2020

Not sure if this is in the ballpark. I'm around and available for revisions if needed.

**To:** Bill Irving[Irving.Bill@epa.gov]  
**From:** Gunning, Paul  
**Sent:** Fri 5/16/2014 2:21:02 PM  
**Subject:** FW: post-2020 and 111(d) slides for tomorrow  
Post-2020 and 111(d) - 05-15-14.pptx  
Post-2020 and 111(d) - 05-15-14 - Appendix.pptx

Thanks Bill. Here are the electronic files.

**From:** Fawcett, Allen  
**Sent:** Wednesday, May 14, 2014 7:03 PM  
**To:** Goffman, Joseph  
**Cc:** Gunning, Paul; Harvey, Reid; Tsirigotis, Peter; LeFranc, Maurice  
**Subject:** post-2020 and 111(d) slides for tomorrow

Joe,

Here are the revised slides for tomorrow based on our meeting. There are two files attached, the first is the three main slides, and the second is the appendix with the tables and figures from the earlier draft. The only change in the appendix from the tables you saw before is the addition of

**Ex. 5 - Deliberative**

Let me know if you have any questions.

Allen

---

Allen A. Fawcett, Ph.D.

Climate Economics Branch

Climate Change Division

U.S. Environmental Protection Agency

Office: (202) 343-9436

Cell: (b)(6) personal privacy

**To:** Suzanne Kocchi[Kocchi.Suzanne@epa.gov]  
**From:** Gunning, Paul  
**Sent:** Thur 5/15/2014 12:06:50 PM  
**Subject:** FW: post-2020 and 111(d) slides for tomorrow  
Post-2020 and 111(d) - 05-15-14.pptx  
Post-2020 and 111(d) - 05-15-14 - Appendix.pptx

**From:** Fawcett, Allen  
**Sent:** Wednesday, May 14, 2014 7:03 PM  
**To:** Goffman, Joseph  
**Cc:** Gunning, Paul; Harvey, Reid; Tsirigotis, Peter; LeFranc, Maurice  
**Subject:** post-2020 and 111(d) slides for tomorrow

Joe,

Here are the revised slides for tomorrow based on our meeting. There are two files attached, the first is the three main slides, and the second is the appendix with the tables and figures from the earlier draft. The only change in the appendix from the tables you saw before is the addition of

**Ex. 5 - Deliberative**

Let me know if you have any questions.

Allen

---

Allen A. Fawcett, Ph.D.

Climate Economics Branch

Climate Change Division

U.S. Environmental Protection Agency

Office: (202) 343-9436

Cell: (b)(6) personal privacy

**To:** Reid Harvey[Harvey.Reid@epa.gov]  
**From:** Gunning, Paul  
**Sent:** Wed 5/14/2014 2:05:06 PM  
**Subject:** FW: Transportation reductions  
Post-2020 and 111(d) - Podesta Pre-Brief - 05-13-14 DRAFT.pptx

Any thoughts on this. Is this too dense/complicated?

**From:** Fawcett, Allen  
**Sent:** Wednesday, May 14, 2014 8:49 AM  
**To:** Gunning, Paul  
**Cc:** Kocchi, Suzanne  
**Subject:** RE: Transportation reductions

Thanks Paul. Here's a quick draft of some possible slides. Let me know if you have any edits or want to discuss. I'll be over at the EPRI SCC session 9-11, but will be back shortly thereafter.

Allen

**From:** Gunning, Paul  
**Sent:** Wednesday, May 14, 2014 8:33 AM  
**To:** Fawcett, Allen  
**Subject:** Fw: Transportation reductions

Allen. Here is more on that transport piece

Sent from my BlackBerry 10 smartphone.

**From:** Barron, Alex <Barron.Alex@epa.gov>

**Sent:** Tuesday, May 13, 2014 6:19 PM

**To:** Harvey, Reid; Gunning, Paul



**Cc:** Thomas, John V.

**Subject:** RE: Transportation reductions

Thanks. Paul – Here is some grist for the mill, courtesy of OSC.

# **Ex. 5 - Deliberative**

**From:** Harvey, Reid  
**Sent:** Tuesday, May 13, 2014 4:20 PM  
**To:** Barron, Alex  
**Cc:** Gunning, Paul  
**Subject:** RE: Transportation reductions

Thanks Alex. Paul has picked up this task now and is pulling info together for Joe.

Reid

**From:** Barron, Alex  
**Sent:** Tuesday, May 13, 2014 11:03 AM  
**To:** Harvey, Reid  
**Cc:** Thomas, John V.  
**Subject:** Transportation reductions

Quite outdated, but here is what I was remembering:

<http://www.epa.gov/otaq/climate/kerry-analysis-02-18-2010.pdf>

Alex Barron, Ph.D.

Deputy Associate Administrator

Office of Policy

U.S. Environmental Protection Agency

202-564-3304



**To:** Allen Fawcett[Fawcett.Allen@epa.gov]  
**From:** Gunning, Paul  
**Sent:** Wed 3/5/2014 7:32:05 PM  
**Subject:** FW: Pre-meeting materials for Joe/Janet for post-2020  
Biennial Report & Post-2020 Power Sector Abatement Estimates - Summary Version 03-05-14.pptx

More of a discussion than a briefing.....

**From:** Dunham, Sarah  
**Sent:** Wednesday, March 05, 2014 2:31 PM  
**To:** Gunning, Paul; Harvey, Reid  
**Subject:** Fw: Pre-meeting materials for Joe/Janet for post-2020

Allen and misha should come to this discussion, but we should not plan on Allen giving these slides. We should have them for reference, but not walk thru.

---

**From:** Fawcett, Allen  
**Sent:** Wednesday, March 05, 2014 6:55:26 PM  
**To:** Dunham, Sarah; Krieger, Jackie  
**Cc:** Gunning, Paul; Harvey, Reid  
**Subject:** FW: Pre-meeting materials for Joe/Janet for post-2020

Sarah,

Joe wants to talk about the post-2020 numbers at 3 today, so I just wanted to flag for you a few changes in the numbers since we talked yesterday.

**Ex. 5 - Deliberative**

## **Ex. 5 - Deliberative**

Allen

**From:** Gunning, Paul

**Sent:** Wednesday, March 05, 2014 1:33 PM  
**To:** Fawcett, Allen; Harvey, Reid; Stenhouse, Jeb; Adamantiades, Mikhail  
**Subject:** Re: Pre-meeting materials for Joe/Janet for post-2020

Joe wants to discuss this at 3. Allen and Misha are you available?

---

**From:** Fawcett, Allen  
**Sent:** Wednesday, March 05, 2014 12:39:53 PM  
**To:** Harvey, Reid; Stenhouse, Jeb; Adamantiades, Mikhail  
**Cc:** Gunning, Paul  
**Subject:** FW: Pre-meeting materials for Joe/Janet for post-2020

I sent a summary version of the slides from yesterday to Maurice, and he's going to try to see if we can talk to Janet and Joe before the post-2020 meeting tomorrow night. I updated the

## Ex. 5 - Deliberative

### Ex. 5 - Deliberative

Let me know if you have any questions.

**From:** Fawcett, Allen  
**Sent:** Wednesday, March 05, 2014 12:35 PM  
**To:** LeFranc, Maurice; Gunning, Paul; Krieger, Jackie  
**Subject:** RE: Pre-meeting materials for Joe/Janet for post-2020

Maurice,

Here are the summary slides on:

### Ex. 5 - Deliberative

## Ex. 5 - Deliberative

Also, I've included my takeaways from last night about what we should expect at the post-2020 meeting tomorrow below.

Allen

# Ex. 5 - Deliberative

-----Original Message-----

From: LeFranc, Maurice

Sent: Wednesday, March 05, 2014 11:34 AM

To: Fawcett, Allen; Gunning, Paul

Subject: RE: Pre-meeting materials for Joe/Janet for post-2020

Thanks. I think Joe will be attending but can get materials to both Joe and Janet.

-----Original Message-----

From: Fawcett, Allen

Sent: Wednesday, March 05, 2014 10:53 AM

To: LeFranc, Maurice; Gunning, Paul

Subject: Re: Pre-meeting materials for Joe/Janet for post-2020

I think we should talk to them about **Ex. 5 - Deliberative** I'm working on some summary slides for them now that we could use, and should have them for you soon.

Allen

---

From: LeFranc, Maurice

Sent: Wednesday, March 05, 2014 6:48:34 AM

To: Fawcett, Allen; Gunning, Paul

Subject: Pre-meeting materials for Joe/Janet for post-2020

Thanks for slides. I can get them and a cover note highlighting what will be covered in tomorrow's meeting to Janet and Joe by end of day. Do you also want to present **Ex. 5 - Deliberative** **Ex. 5 - Deliberative** Let me know by mid-day.

I'll check in to see if either Janet or Joe will attend tomorrow. Do you know if Sarah is planning to attend?

**To:** Krieger, Jackie[Krieger.Jackie@epa.gov]  
**From:** Gunning, Paul  
**Sent:** Thur 2/27/2014 7:56:18 PM  
**Subject:** FW:  
Post 2020 - DOE and EPA Power Sector Abatement Estimates 02-27-14.xlsx  
Biennial Report & Post-2020 Power Sector Abatement Estimates 02-27-14.pptx

FYI.....we set up a meeting on Monday AM to go over this with Sarah.

**From:** Fawcett, Allen  
**Sent:** Thursday, February 27, 2014 11:47 AM  
**To:** Harvey, Reid; Gunning, Paul  
**Cc:** Stenhouse, Jeb; Adamantiades, Mikhail; Alsalam, Jameel; Ragnauth, Shaun; Creason, Jared; Kocchi, Suzanne  
**Subject:**

Reid and Paul,

The attached slides are: **Ex. 5 - Deliberative**

# Ex. 5 - Deliberative

I imagine there will be interest in discussing these numbers at the post-2020 meeting next Tuesday at 5. Please take a look at this, and let me know if you have any questions or comments and what your thoughts are on how we should proceed.

Thanks,



Allen

**To:** Krieger, Jackie[Krieger.Jackie@epa.gov]  
**From:** Gunning, Paul  
**Sent:** Mon 2/24/2014 3:31:52 PM  
**Subject:** FW: Meeting between Secretary Moniz and our Administrator

Jackie - did Sarah mention this to you? This request is very cryptic and if something is expected of us I just want to make sure we are on it.

-----Original Message-----

From: Dunham, Sarah  
Sent: Friday, February 21, 2014 4:10 PM  
To: Krieger, Jackie; Gunning, Paul  
Subject: Fw: Meeting between Secretary Moniz and our Administrator

See post 2020 gina request--we'll need a one pager which we should talk about

---

From: McCabe, Janet  
Sent: Friday, February 21, 2014 5:58:35 PM  
To: LeFranc, Maurice; Goffman, Joseph; Niebling, William; Sowell, Sarah; Page, Steve; Dunham, Sarah; Grundler, Christopher; Blubaugh, Jim; Schreifels, Jeremy  
Cc: Nishida, Jane  
Subject: RE: Meeting between Secretary Moniz and our Administrator

We had a good conversation with the Administrator yesterday in prep for the secretaries' meeting on Monday, which it sounds like will be just the three of them.

Gina agreed that post 2020 is a good topic, and understands where the staff discussions are, and the

## Ex. 5 - Deliberative

Things that Gina mentioned she'd like to add to the list, or that I noticed we hadn't included, Ex. 5 - Deliberative

### Ex. 5 - Deliberative

#### Ex. 5 - Deliberative

-I've got a separate note I'll forward on that. For purposes of any revisions to the background material, let's just make sure to add these items in the appropriate places in the backgrounder--there's not time to add much, but just so she has them as reminders for Monday.

Thanks.

-----Original Message-----

From: LeFranc, Maurice  
Sent: Friday, February 21, 2014 8:31 AM  
To: Pershing, Jonathan; Goffman, Joseph; McCabe, Janet  
Subject: RE: Meeting between Secretary Moniz and our Administrator

Thanks Jonathan. I have meetings at CEQ until 11:00 or so but will connect after that. Post-2020 is teed up for Gina.

-----Original Message-----

From: Pershing, Jonathan [mailto:Jonathan.Pershing@Hq.Doe.Gov]  
Sent: Thursday, February 20, 2014 8:09 PM  
To: LeFranc, Maurice; Goffman, Joseph; McCabe, Janet  
Subject: RE: Meeting between Secretary Moniz and our Administrator

Maurice et al --

Thanks for input. We are having a meeting tomorrow with our Secretary to discuss more specifically, but

(b)(5) deliberative

# Ex. 5 - Deliberative

Let me know if anything here gives you heartburn. I will give you a heads up if additional items come along after I talk to him.

J

-----Original Message-----

From: LeFranc, Maurice [mailto:LeFranc.Maurice@epa.gov]

Sent: Thursday, February 20, 2014 5:55 PM

To: Pershing, Jonathan; Goffman, Joseph; McCabe, Janet

Subject: Meeting between Secretary Moniz and our Administrator

Jonathan:

Hope you are well. Joe asked me to follow up on your email about Monday's meeting (I have been leading on this).

We can connect tomorrow with more detail but as a first cut, the Administrator would like to spend most if not all of the meeting on China. She can share her experiences/observations from her recent trip as well as cover some of the work we are doing. I believe she would like to discuss

Ex. 5 - Deliberative

Ex. 5 - Deliberative

Are there specific areas your Secretary would like to cover?

Thanks.

Maurice

**To:** Fawcett, Allen[Fawcett.Allen@epa.gov]  
**From:** Gunning, Paul  
**Sent:** Tue 2/4/2014 3:41:58 PM  
**Subject:** RE: post 2020 meeting today

Thank Allen

**From:** Fawcett, Allen  
**Sent:** Tuesday, February 04, 2014 10:38 AM  
**To:** Krieger, Jackie; Gunning, Paul; LeFranc, Maurice  
**Cc:** Kocchi, Suzanne  
**Subject:** RE: post 2020 meeting today

Jackie,

Here are some points on the post 2020 meeting later today.

Allen

# Ex. 5 - Deliberative

# **Ex. 5 - Deliberative**

# **Ex. 5 - Deliberative**

# Ex. 5 - Deliberative

**From:** Krieger, Jackie  
**Sent:** Tuesday, February 04, 2014 9:16 AM  
**To:** Gunning, Paul; Fawcett, Allen  
**Cc:** Kocchi, Suzanne  
**Subject:** post 2020 meeting today

Hi Paul, Allen: Sarah's looking for that background for the meeting today – for both her and to share with Janet. Could one of you give me a call – thanks much.

*Jackie Krieger / Chief of Staff / Office of Atmospheric Programs / U.S. EPA / O: 202-343-9905 / C: 202-236-3934*



**From:** Gunning, Paul  
**Location:** WJC-N 5400 + **Ex. 6 - Privacy** Participant Code: **Ex. 6 - Privacy**  
**Importance:** Normal  
**Subject:** Accepted: Post 2020 Strategy  
**Start Date/Time:** Thur 1/16/2014 5:00:00 PM  
**End Date/Time:** Thur 1/16/2014 5:40:00 PM

**From:** Gunning, Paul  
**Location:** DCRoom1310L1002DirTBPoly/DC-1310L-OAR  
**Importance:** Normal  
**Subject:** Accepted: Post 2020  
**Start Date/Time:** Tue 1/14/2014 9:00:00 PM  
**End Date/Time:** Tue 1/14/2014 10:00:00 PM

**To:** Dunham, Sarah[Dunham.Sarah@epa.gov]  
**From:** Gunning, Paul  
**Sent:** Tue 1/7/2014 3:21:23 PM  
**Subject:** FW: Following up from Dec. Post-2020 Discussion  
12172013 Post-2020 Key Questions and Next Steps.pptx

FYI.....we are on this and I will set something up with you to talk about our ideas before moving forward.

**From:** Ulman, Christie [mailto:Ex. 6 - Privacy]  
**Sent:** Tuesday, January 07, 2014 9:47 AM  
**To:** 'SternTD@state.gov'; 'talleyt@state.gov'; 'Artusio, Christo F'; salehKN@state.gov; Sierawski, Clare S (SierawskiCS@state.gov); Schuler, Reed M (SchulerRM@state.gov); 'Jonathan.Pershing@hq.doe.gov'; 'judith.greenwald@hq.doe.gov'; 'Mignone, Bryan'; Goffman, Joseph; 'mccabe.janet@epa.gov'; LeFranc, Maurice; 'Dunham.sarah@epa.gov'; Gunning, Paul; Minsk, Ron; Stock, Jim; McConville, Drew; Simon, Bob; 'Reifsnyder, Daniel A'; Fawcett, Allen; Vahlsing, Candace; VasquezVN@state.gov  
**Cc:** Utech, Dan G.; Bodnar, Paul; Duke, Rick  
**Subject:** Following up from Dec. Post-2020 Discussion

Hi all,

Thanks for joining the productive Post-2020 discussion before the holidays. To follow up from that discussion, please see attached a portion of the slides we reviewed at the meeting which lists draft key analytic questions and next steps.

Please go through these slides and indicate the tasks to which your agency would be best able to contribute in the months ahead. Please coordinate at the agency-level and send your lists to me at Ex. 6 - Privacy by **COB Monday, January 13**. We will then rationalize these lists and streamline tasks in upcoming Post-2020 meetings.

Lastly, the next Post-2020 interagency discussion will be scheduled during the last week in January (likely the afternoon of Jan. 20<sup>th</sup>). We will send the calendar invite out shortly.

Kind regards,

Christie

Christie Ulman

Deputy Associate Director  
Energy and Climate Change  
White House Council on Environmental Quality

**To:** Irving, Bill[Irving.Bill@epa.gov]  
**From:** Gunning, Paul  
**Sent:** Thur 12/19/2013 7:56:33 PM  
**Subject:** Fw: Notes from post-2020 discussion  
Post-2020 briefing package.pdf

---

**From:** LeFranc, Maurice  
**Sent:** Wednesday, December 18, 2013 9:31:53 AM  
**To:** McCabe, Janet; Goffman, Joseph; Dunham, Sarah; Gunning, Paul; Fawcett, Allen  
**Subject:** Notes from post-2020 discussion

Attached is the briefing package that was handed out at last night's post-2020 discussion. There was also a set of slides of further analysis by DOE, however, these slides were held back by the WH. Below are my quick meeting notes. Others may have more to add or more specific points to make. I will give Kristien paper copies for reading files.

December 17 - Post-2020 Discussion Notes

# Ex. 5 - Deliberative

# **Ex. 5 - Deliberative**

Maurice N. LeFranc, Jr.

Senior Advisor for International Climate Change

Office of Air and Radiation

U.S. Environmental Protection Agency

Office Phone: 202-564-1813

Mobile: 202-450-7863

**To:** Fawcett, Allen[Fawcett.Allen@epa.gov]; Gunning, Paul[Gunning.Paul@epa.gov]  
**From:** McFarland, James  
**Sent:** Thur 5/15/2014 4:16:59 PM  
**Subject:** FW: EPA \$600K Solicitation Letter  
[EPA \\$600K Sol Ltr -Signed.pdf](#)  
[March12FY14 IAA SOW Guidelines.docx](#)

FYI – This is the formal solicitation letter from State to EPA on the post-2020 mitigation support.

**From:** Murphy, Michelle N [mailto:MurphyMN@state.gov]  
**Sent:** Thursday, May 15, 2014 11:33 AM  
**To:** Dunham, Sarah  
**Cc:** Schuler, Reed M; McFarland, James; LeFranc, Maurice; Ahson, Nancy L  
**Subject:** EPA \$600K Solicitation Letter

Dear Ms. Dunham:

Please find attached a formal interagency agreement solicitation letter and guidelines from the Department of State for EPA to provide Technical Support to Assess Mitigation Opportunities as identified in the letter. If you have any questions, please do not hesitate to contact me.

Sincerely,

**Michelle Murphy**

*Program Assistant, Office of Global Change (EGC)*

*Bureau of Oceans and International Environmental and Scientific Affairs (OES)*

*U.S. Department of State*

*Beacon Associates Contractor*

*Tel: 202-647-6895*



*Email: MurphyMN@state.gov*

This email is UNCLASSIFIED.

**To:** Fawcett, Allen[Fawcett.Allen@epa.gov]; Irving, Bill[Irving.Bill@epa.gov]  
**From:** Kocchi, Suzanne  
**Sent:** Thur 4/3/2014 5:49:24 PM  
**Subject:** RE: just making sure you both see this...

Fabulous. Thanks.

**From:** Fawcett, Allen  
**Sent:** Thursday, April 03, 2014 1:49 PM  
**To:** Kocchi, Suzanne; Irving, Bill  
**Subject:** RE: just making sure you both see this...

Just talked to Kristina. I don't think we want to include any of the post-2020 numbers we've been working on, since all of that is very deliberative at this point. Instead we can talk about

## Ex. 5 - Deliberative

Allen

**From:** Kocchi, Suzanne  
**Sent:** Thursday, April 03, 2014 1:33 PM  
**To:** Fawcett, Allen; Irving, Bill  
**Subject:** just making sure you both see this...  
**Importance:** High

...since Allen is out tmrw **Ex. 6 - Privacy** and Bill is offsite today

**From:** Friedman, Kristina  
**Sent:** Thursday, April 03, 2014 1:13 PM

**To:** Irving, Bill; Fawcett, Allen  
**Cc:** Mason, Colleen; Krieger, Jackie; Kocchi, Suzanne  
**Subject:** Background Materials for 4/10 meeting with EU Climate Commissioner Hedegaard

Hi Bill/Allen,

Could you guys help us prepare background information for the Administrator's meeting next week with Commissioner Hedegaard? I've pasted below the email Jackie received from OITA. As you notice below, we've been asked for some high-level information to facilitate the discussion and limited background. It sounds like both of you will have separate information to share on the discussion, Bill: broad/high level comments and Allen: technical information. Could you please send us your information by tomorrow afternoon, so we can compile with the other topics and share with folks in the IO for review before sending to OITA. Let me know if you have any questions.

Thanks,

Kristina

*Kristina Friedman*

*Office of Atmospheric Programs*

*U.S. Environmental Protection Agency*

*Phone: (202) 343-9281*

**From:** Krieger, Jackie  
**Sent:** Tuesday, April 1, 2014 10:51:22 AM  
**To:** Niebling, William; LeFranc, Maurice  
**Cc:** Gunning, Paul; Newberg, Cindy; Hufford, Drusilla; Phillips, Anna; Friedman, Kristina; Mason, Colleen  
**Subject:** FW: April 10th Meeting with EU Climate Commissioner Hedegaard - Request for Briefing Materials

William, Maurice: Same question here as with the Bob P-Lena Ek mtg, should we provide OAP input to the OAR IO for compiling with additional OAR background materials. From OAP, we will plan on getting to you key background points by Friday afternoon on: **Ex. 5 - Deliberative**

## **Ex. 5 - Deliberative**

discussion. Let us know if you'd like to handle this differently.

**From:** Phillips, Anna

**Sent:** Monday, March 31, 2014 5:48 PM

**To:** Niebling, William; LeFranc, Maurice; Krieger, Jackie; Gunning, Paul; Newberg, Cindy

**Cc:** Buckley, Katherine; Mercurio, Cristina

**Subject:** April 10th Meeting with EU Climate Commissioner Hedegaard - Request for Briefing Materials

All – As you know, the Administrator is scheduled to meet with EU Commissioner for Climate Action Connie Hedegaard on **Thursday, April 10<sup>th</sup> at 3:00 p.m.**

Topics to be discussed include:

## **Ex. 5 - Deliberative**

**I would appreciate your help with providing a limited set of key talking points on major issues by COB on Friday, April 4<sup>th</sup>** for inclusion in the Deputy Administrator's briefing memo. Minimal background information can also be included but please provide it only if needed. I will circulate the draft briefing memo for final review/clearance early the week of April 7<sup>th</sup> before sending it forward to the Administrator's Office.

Thanks and regards,

Anna

**To:** Irving, Bill[Irving.Bill@epa.gov]  
**From:** Kocchi, Suzanne  
**Sent:** Wed 12/4/2013 1:54:09 PM  
**Subject:** RE: Post 2020

Ok good - way ahead of me then

-----Original Message-----

From: Irving, Bill  
Sent: Wednesday, December 04, 2013 8:54 AM  
To: Kocchi, Suzanne  
Subject: RE: Post 2020

Yes - Allen, Jameel, Leif and I are meeting on post-2020 today.

-----Original Message-----

From: Kocchi, Suzanne  
Sent: Wednesday, December 04, 2013 8:52 AM  
To: Irving, Bill  
Subject: FW: Post 2020

I haven't talked to Paul so I don't have more context than this - just wanted to be sure you saw this...

-----Original Message-----

From: Gunning, Paul  
Sent: Wednesday, December 04, 2013 7:08 AM  
To: Irving, Bill  
Cc: Kocchi, Suzanne  
Subject: Post 2020

Bill - there is a meeting set for Friday afternoon at the WH on the post 2020 discussion that I will be attending with Joe. Could you please put down some thoughts/options on what we might want to advocate for in this discussion? Hopefully we can discuss this more at our weekly this afternoon

Thanks

Paul

**To:** West, Tris[**Ex. 6 - Privacy**]  
**Cc:** LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Irving, Bill[Irving.Bill@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]  
**From:** Ohrel, Sara  
**Sent:** Wed 9/3/2014 1:36:09 PM  
**Subject:** Update on EPA LULUCF projections work  
[Update on Forest Carbon Projections 08-21-14.docx](#)

Hello Tris,

Maurice asked me to send along the attached LULUCF projections update we had prepared for the meeting a couple weeks ago. We will get back to you soon per the three issues you and Maurice discussed on Friday.

Best wishes,

Sara

Sara Bushey Ohrel

Climate Economics Branch

Climate Change Division

U.S. Environmental Protection Agency

Phone: (202) 343-9712

Cell: (202) 341-6748

**--this email and its content are deliberative--do not distribute or cite--**

**To:** Fawcett, Allen[Fawcett.Allen@epa.gov]; Ohrel, Sara[Ohrel.Sara@epa.gov]; Irving, Bill[Irving.Bill@epa.gov]  
**Cc:** Cole, Jefferson[Cole.Jefferson@epa.gov]  
**From:** LeFranc, Maurice  
**Sent:** Wed 8/20/2014 1:55:26 PM  
**Subject:** RE: guidance for model projection documentation

All sounds good.

**From:** Fawcett, Allen  
**Sent:** Wednesday, August 20, 2014 9:52 AM  
**To:** LeFranc, Maurice; Ohrel, Sara; Irving, Bill  
**Cc:** Cole, Jefferson  
**Subject:** RE: guidance for model projection documentation

We have another updated from Greg (attached), still lots of comments in it though, so Jeff is working to clean up the document before our meeting on Friday. If we can get a clean version in time, I think it would be useful to circulate before the meeting, if not, we'll just have to bring it with us.

Allen

**From:** LeFranc, Maurice  
**Sent:** Wednesday, August 20, 2014 9:41 AM  
**To:** Fawcett, Allen; Ohrel, Sara; Irving, Bill  
**Cc:** Cole, Jefferson  
**Subject:** RE: guidance for model projection documentation

Allen:

Do we just want to hand this out at Friday's meeting? Send beforehand to Tris and/or Bill H. Are we waiting for Greg's input?



Thanks.

Maurice

**From:** Fawcett, Allen  
**Sent:** Tuesday, August 19, 2014 10:56 AM  
**To:** LeFranc, Maurice; Ohrel, Sara; Irving, Bill  
**Cc:** Cole, Jefferson  
**Subject:** RE: guidance for model projection documentation

Here's Sara's update on the projections. I think she was expecting some additional information from Greg early this week that would feed into this as well.

**From:** LeFranc, Maurice  
**Sent:** Monday, August 18, 2014 1:04 PM  
**To:** Ohrel, Sara; Fawcett, Allen; Irving, Bill  
**Subject:** FW: guidance for model projection documentation

Good afternoon. This reminded me that we had committed to get a one-pager on our projections work to Bill H. and Tris. It would probably be helpful and a positive step to get something to both of them before the Friday discussion on post-2020. Do we have something off the shelf that we could send over? Thanks.

**From:** West, Tris [[mailto:](#) Ex. 6 - Privacy]  
**Sent:** Monday, August 18, 2014 10:22 AM  
**To:** LeFranc, Maurice; Ohrel, Sara; Hohenstein, William - OCE; Lewandrowski, Jan - OCE  
**Cc:** Duke, Rick; Dragisic, Christine D  
**Subject:** guidance for model projection documentation

Sara, Jan, and others:

The attached document provides some guidance for what should be included in the documentation for your model projections. Answers to these questions may also be submitted in addition to existing model documentation. Should you feel that some questions are not relevant to your modeling framework, please indicate that in your response.

Your response to the attached questions will help us better understand the model projection results.

Please let me know if you have any questions.

Thanks

Tris

---

Tris West

Deputy Associate Director for Energy and Climate

Council for Environmental Quality

Email: **Ex. 6 - Privacy**

Phone: **Ex. 6 - Privacy**

**To:** Irving, Bill[Irving.Bill@epa.gov]; Ohrel, Sara[Ohrel.Sara@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]  
**Cc:** Gunning, Paul[Gunning.Paul@epa.gov]  
**From:** LeFranc, Maurice  
**Sent:** Fri 8/1/2014 3:41:00 PM  
**Subject:** RE: Invite to USDA projections team meeting

Thanks – good idea. I spoke to him for a while after the meeting on Tuesday and I think that helped as well. Let's connect when Allen gets back and we can then propose the meeting you suggest – I'd like to also bring over the State people (Elan, Chris and John) for the same meeting (or separate if that makes more sense).

**From:** Irving, Bill  
**Sent:** Friday, August 01, 2014 9:21 AM  
**To:** LeFranc, Maurice; Ohrel, Sara; Fawcett, Allen  
**Cc:** Gunning, Paul  
**Subject:** RE: Invite to USDA projections team meeting

Tom Wirth called Tris this week and spent about an hour on the phone explaining to him how the inventory gets done, what EPA's role is etc. I think it paid off because Tom said Tris really appreciated it and a few light bulbs turned on. Inventories seem to be more in his wheelhouse, and I'm cautiously optimistic that we can nudge him towards managing something productive.

You might consider inviting him over for 60-90 minutes to walk through how EPA

## **Ex. 5 - Deliberative**

### **Ex. 5 - Deliberative**

I'm sure that no one in the White House has given him anything close to an orientation or explanation about how climate work gets done across the federal government.

---

**From:** LeFranc, Maurice  
**Sent:** Friday, August 1, 2014 8:45 AM  
**To:** Ohrel, Sara; Fawcett, Allen; Irving, Bill  
**Cc:** Gunning, Paul  
**Subject:** FW: Invite to USDA projections team meeting

Also should discuss this when Allen is back in office. There are several options for moving forward that we should explore – try to bring in USDA to our work, work through the CEQ process (which has not been productive), work directly with State, or just do our work and deliver a product into the mix when ready – with explanation of model, etc. There are variations in all of this as well.

Other issue is whether we want to insert ourselves into the RPA process or provide input after the fact.

**From:** West, Tris [mailto:[redacted](#)] **Ex. 6 - Privacy**  
**Sent:** Thursday, July 31, 2014 5:33 PM  
**To:** Hohenstein, William - OCE; LeFranc, Maurice; Ohrel, Sara; Fawcett, Allen; Cleaves, David - FS; Langner, Linda -FS; Yoffe, Shira -FS; Lewandrowski, Jan - OCE; Irving, Bill  
**Subject:** RE: Invite to USDA projections team meeting

All,

I am particularly interested in [redacted](#) **Ex. 5 - Deliberative**

## **Ex. 5 - Deliberative**

My understanding is that some documentation (however brief) will accompany the projection estimates and will provide key modeling methods and assumptions.

Discussing this ahead of time, either amongst yourselves or with CEQ, may also save us (and State) valuable time.

Thanks

Tris

**From:** Hohenstein, William - OCE [<mailto:WHOHENST@oce.usda.gov>]  
**Sent:** Thursday, July 31, 2014 4:30 PM  
**To:** LeFranc, Maurice; Ohrel, Sara; Fawcett, Allen; Cleaves, David -FS; Langner, Linda -FS; Yoffe, Shira -FS; Lewandrowski, Jan - OCE; Irving, Bill  
**Cc:** West, Tris  
**Subject:** RE: Invite to USDA projections team meeting

Maurice,

Here are the land use projections that we have developed. FS and ERS are in the process of preparing carbon stock and flux estimates.

This is the preliminary output we shared with Tris. All of this is undergoing review and could change.

Bill

William Hohenstein

Director, Climate Change Program Office

Office of the Chief Economist

Department of Agriculture

1400 Independence Avenue, SW

Washington, DC 20250

Ph: 202 720 6698

Fax: 202 401 1176

[whohenst@oce.usda.gov](mailto:whohenst@oce.usda.gov)

**From:** LeFranc, Maurice [<mailto:LeFranc.Maurice@epa.gov>]  
**Sent:** Thursday, July 31, 2014 12:08 PM  
**To:** Hohenstein, William - OCE; Ohrel, Sara; Fawcett, Allen; Cleaves, David -FS; Langner, Linda -FS; Yoffe, Shira -FS; Lewandrowski, Jan - OCE; Irving, Bill  
**Subject:** RE: Invite to USDA projections team meeting

Thanks Bill. We have several people (including me) who will be out of the office for parts of the next week or so. I'll get back to you the middle of next week on when we might find time to follow up. Any additional detail beyond the attached plan that you have would be appreciated – Tris had indicated you had sent him some output from the initial modeling if I understood him correctly.

**From:** Hohenstein, William - OCE [<mailto:WHOHENST@oce.usda.gov>]  
**Sent:** Thursday, July 31, 2014 9:31 AM  
**To:** LeFranc, Maurice; Ohrel, Sara; Fawcett, Allen; Cleaves, David -FS; Langner, Linda -FS; Yoffe, Shira -FS; Lewandrowski, Jan - OCE; Irving, Bill  
**Subject:** FW: Invite to USDA projections team meeting

Sara/Maurice:

I owe you an apology. I did not realize that you were

**Ex. 5 - Deliberative**

**Ex. 5 - Deliberative**

## Ex. 5 - Deliberative

It would be good to get caught up on EPA's efforts/approach/status/etc... I've attached the plan that we are pursuing at USDA – we initially shared this with you in March. My concerns (expressed inartfully) are that our projections are likely to be different – and there will be a strong push to jump immediately to the numbers instead of focusing on what they mean. Rather than having that play out in the inter-agency forum, I'd prefer to have an understanding of our work and be able to explain the differences to folks at State, CEQ, etc...

Anything you can provide to get us up to speed would help.

Thanks,

Bill

William Hohenstein

Director, Climate Change Program Office

Office of the Chief Economist

Department of Agriculture

1400 Independence Avenue, SW

Washington, DC 20250

Ph: 202 720 6698

Fax: 202 401 1176

[whohenst@oce.usda.gov](mailto:whohenst@oce.usda.gov)

**From:** Lewandrowski, Jan - OCE  
**Sent:** Tuesday, May 06, 2014 12:22 PM  
**To:** LeFranc, Maurice ([LeFranc.Maurice@epa.gov](mailto:LeFranc.Maurice@epa.gov))  
**Cc:** Ohrel, Sara; Fawcett, Allen ([Fawcett.Allen@epa.gov](mailto:Fawcett.Allen@epa.gov)); Cleaves, David -FS; Hohenstein, William - OCE; Langner, Linda -FS; Yoffe, Shira -FS  
**Subject:** RE: Invite to USDA projections team meeting

This time with the attachment – thank you Shira

**From:** Lewandrowski, Jan - OCE  
**Sent:** Tuesday, May 06, 2014 11:50 AM  
**To:** LeFranc, Maurice ([LeFranc.Maurice@epa.gov](mailto:LeFranc.Maurice@epa.gov))  
**Cc:** 'Ohrel, Sara'; Fawcett, Allen ([Fawcett.Allen@epa.gov](mailto:Fawcett.Allen@epa.gov)); Cleaves, David -FS; Hohenstein, William - OCE; Langner, Linda -FS; Yoffe, Shira -FS  
**Subject:** Invite to USDA projections team meeting

Maurice

To address an anticipated increase in the frequency of requests for **Ex. 5 - Deliberative**

# Ex. 5 - Deliberative



other USG Departments and Agencies – particularly those made by other Executive Branch agencies, such as DOE’s EIA energy outlook.

The USDA process is described in the attached document. I believe Bill Hohenstein shared this document with you at a recent meeting at CEQ and Dave Cleaves shared it in a May 1 email (some details with the time table have changed a little). I believe EPA is also in the process of

## **Ex. 5 - Deliberative**

### **Ex. 5 - Deliberative**

I think it is in both USDA’s and EPA’s interest to know what each other is doing with respect to developing new projections capabilities and perhaps identify areas where cooperation might be beneficial.

Toward that end, I would like to invite you and/or other people from EPA who are involved with making projections (Sara Ohrel and Allen Fawcett come to mind) to attend a meeting here at USDA that I am trying to set up for some time next week. The purpose is to share information about what we doing and discuss how we might keep each other informed on our progress going forward. I am also inviting representatives from EIA to come give a presentation on the process they use to produce the Annual Energy Outlook.

Please let me know if you have questions and who at EPA might be able to join us. I will send around a doodle poll tomorrow to identify the best time to meet.

Jan

Jan Lewandrowski

Climate Change Program Office, USDA

1400 Independence Avenue, SW

Rm 4407 South Building

Washington, DC 20250

Phone: (202) 720-6699

Fax: (202) 401-1176

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**To:** Ohrel, Sara[Ohrel.Sara@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]; Irving, Bill[Irving.Bill@epa.gov]  
**From:** LeFranc, Maurice  
**Sent:** Thur 7/31/2014 2:05:39 PM  
**Subject:** FW: Invite to USDA projections team meeting  
Proposal - USDA GHG land use and GHG projections - final - March 11 2014.docx

I spoke to Sara a minute ago. I'll go back to Bill H. and tell him we will get back to him shortly. It makes sense that we all discuss how to play this out with USDA and CEQ but wait until Allen gets back.

**From:** Hohenstein, William - OCE [mailto:WHOHENST@oce.usda.gov]  
**Sent:** Thursday, July 31, 2014 9:31 AM  
**To:** LeFranc, Maurice; Ohrel, Sara; Fawcett, Allen; Cleaves, David -FS; Langner, Linda -FS; Yoffe, Shira -FS; Lewandrowski, Jan - OCE; Irving, Bill  
**Subject:** FW: Invite to USDA projections team meeting

Sara/Maurice:

I owe you an apology. I did not realize that you were

**Ex. 5 - Deliberative**

## Ex. 5 - Deliberative

It would be good to get caught up on EPA's efforts/approach/status/etc... I've attached the plan that we are pursuing at USDA – we initially shared this with you in March. My concerns (expressed inartfully) are that our projections are likely to be different – and there will be a strong push to jump immediately to the numbers instead of focusing on what they mean. Rather than having that play out in the inter-agency forum, I'd prefer to have an understanding of our work and be able to explain the differences to folks at State, CEQ, etc...

Anything you can provide to get us up to speed would help.

Thanks,

Bill

William Hohenstein

Director, Climate Change Program Office

Office of the Chief Economist

Department of Agriculture

1400 Independence Avenue, SW

Washington, DC 20250

Ph: 202 720 6698

Fax: 202 401 1176

[whohenst@oce.usda.gov](mailto:whohenst@oce.usda.gov)

**From:** Lewandrowski, Jan - OCE

**Sent:** Tuesday, May 06, 2014 12:22 PM

**To:** LeFranc, Maurice ([LeFranc.Maurice@epa.gov](mailto:LeFranc.Maurice@epa.gov))

**Cc:** Ohrel, Sara; Fawcett, Allen ([Fawcett.Allen@epa.gov](mailto:Fawcett.Allen@epa.gov)); Cleaves, David -FS; Hohenstein, William - OCE; Langner, Linda -FS; Yoffe, Shira -FS

**Subject:** RE: Invite to USDA projections team meeting

This time with the attachment – thank you Shira

**From:** Lewandrowski, Jan - OCE  
**Sent:** Tuesday, May 06, 2014 11:50 AM  
**To:** LeFranc, Maurice ([LeFranc.Maurice@epa.gov](mailto:LeFranc.Maurice@epa.gov))  
**Cc:** 'Ohrel, Sara'; Fawcett, Allen ([Fawcett.Allen@epa.gov](mailto:Fawcett.Allen@epa.gov)); Cleaves, David -FS; Hohenstein, William - OCE; Langner, Linda -FS; Yoffe, Shira -FS  
**Subject:** Invite to USDA projections team meeting

Maurice

To address an anticipated increase in the frequency of requests for **Ex. 5 - Deliberative**

## Ex. 5 - Deliberative

Additionally we will prioritize making these projection as consistent as possible with projections other USG Departments and Agencies – particularly those made by other Executive Branch agencies, such as DOE's EIA energy outlook.

The USDA process is described in the attached document. I believe Bill Hohenstein shared this document with you at a recent meeting at CEQ and Dave Cleaves shared it in a May 1 email (some details with the time table have changed a little). I believe EPA is also in the process of

## Ex. 5 - Deliberative

**Ex. 5 - Deliberative**

I think it is in both USDA's and EPA's interest to know what each other is doing with respect to developing new projections capabilities and perhaps identify areas where cooperation might be beneficial.

Toward that end, I would like to invite you and/or other people from EPA who are involved with making projections (Sara Ohrel and Allen Fawcett come to mind) to attend a meeting here at USDA that I am trying to set up for some time next week. The purpose is to share information

about what we doing and discuss how we might keep each other informed on our progress going forward. I am also inviting representatives from EIA to come give a presentation on the process they use to produce the Annual Energy Outlook.

Please let me know if you have questions and who at EPA might be able to join us. I will send around a doodle poll tomorrow to identify the best time to meet.

Jan

Jan Lewandrowski

Climate Change Program Office, USDA

1400 Independence Avenue, SW

Rm 4407 South Building

Washington, DC 20250

Phone: (202) 720-6699

Fax: (202) 401-1176

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notify the sender and delete the email immediately.

**To:** Ohrel, Sara[Ohrel.Sara@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]; Irving, Bill[Irving.Bill@epa.gov]  
**From:** LeFranc, Maurice  
**Sent:** Tue 5/6/2014 4:54:39 PM  
**Subject:** FW: Invite to USDA projections team meeting  
Proposal - USDA GHG land use and GHG projections - final - March 11 2014.docx

See email chain below. Let me know how you want to proceed. I don't want to get dragged too far into this USDA activity – particularly since it is totally unclear what role if any CEQ is playing in this. It was interesting to learn that USDA had forwarded this directly to CEQ and never copied us – I think similar practice happening on the inventory side.

**From:** Lewandrowski, Jan - OCE [mailto:JLewandrowski@oce.usda.gov]  
**Sent:** Tuesday, May 06, 2014 12:22 PM  
**To:** LeFranc, Maurice  
**Cc:** Ohrel, Sara; Fawcett, Allen; Cleaves, David -FS; Hohenstein, William - OCE; Langner, Linda -FS; Yoffe, Shira -FS  
**Subject:** RE: Invite to USDA projections team meeting

This time with the attachment – thank you Shira

**From:** Lewandrowski, Jan - OCE  
**Sent:** Tuesday, May 06, 2014 11:50 AM  
**To:** LeFranc, Maurice (LeFranc.Maurice@epa.gov)  
**Cc:** 'Ohrel, Sara'; Fawcett, Allen (Fawcett.Allen@epa.gov); Cleaves, David -FS; Hohenstein, William - OCE; Langner, Linda -FS; Yoffe, Shira -FS  
**Subject:** Invite to USDA projections team meeting

Maurice

To address an anticipated increase in the frequency of requests for **Ex. 5 - Deliberative**

## **Ex. 5 - Deliberative**



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## **Ex. 5 - Deliberative**

### **Ex. 5 - Deliberative**

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Please let me know if you have questions and who at EPA might be able to join us. I will send around a doodle poll tomorrow to identify the best time to meet.

Jan

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**To:** 'Dragisic, Christine D'[DragisicCD@state.gov]; 'Meisel, Julia S'[MeiselJS@state.gov]; 'Talley, Trigg'[TalleyT@state.gov]; 'Artusio, Christo F'[ArtusioCF@state.gov]; 'Verdieck, John D'[VerdieckJD@state.gov]; 'Strait, Elan P'[StraitEP@state.gov]; 'Schuler, Reed M'[SchulerRM@state.gov]; Yoffe, Shira -FS[syoffe@fs.fed.us]; Hohenstein, William - OCE[WHOHENST@oce.usda.gov]; Irving, Bill[Irving.Bill@epa.gov]; LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]  
**Cc:** LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Ohrel, Sara[Ohrel.Sara@epa.gov]; Lewandrowski, Jan - OCE[JLewandrowski@oce.usda.gov]; Langner, Linda -FS[lilangner@fs.fed.us]; Holmes, Patrick - OSEC[Patrick.Holmes@osec.usda.gov]; Bonnie, Robert - OSEC[Robert.Bonnie@osec.usda.gov]  
**From:** Cleaves, David -FS  
**Sent:** Tue 5/6/2014 9:42:37 PM  
**Subject:** RE: Post-2020 land sector accounting  
[For State Dept - forest carbon projections through 2020 050614.docx](#)  
[USDA LULUCF sector plan.docx](#)

Folks,

Here is the information that the USDA team put together for the forest sink prospects through 2020. Also attached, in case you haven't seen the USDA projections plan of work whose products would inform the negotiations in the future. I believe that USDA (Jan) and EPA have connected on a time for them together.

Thanks

dave

## David A. Cleaves

Climate Change Advisor ~ Office of the Chief

201 14<sup>th</sup> Street SW

Washington DC 20024

202.205.0838 office

202.631.3147 blackberry

**From:** Cleaves, David -FS

**Sent:** Thursday, May 01, 2014 5:35 PM

**To:** Dragisic, Christine D; Meisel, Julia S; Talley, Trigg; Artusio, Christo F; Verdieck, John D; Strait, Elan P; Schuler, Reed M; Yoffe, Shira -FS; Hohenstein, William - OCE; Bill Irving ([irving.bill@epa.gov](mailto:irving.bill@epa.gov)); Maurice LeFranc ([LeFranc.Maurice@epamail.epa.gov](mailto:LeFranc.Maurice@epamail.epa.gov)); 'Fawcett, Allen'

**Cc:** 'LeFranc, Maurice'; 'Ohrel, Sara'; Lewandrowski, Jan - OCE; Langner, Linda -FS

**Subject:** RE: Post-2020 land sector accounting

Folks,

Here is the USDA projections team plan that we talked about today. I don't know if you have received this from CEQ, so pardon the duplication if you have already seen. We submitted it to CEQ on 4/07 and the USDA team has been organized and is advancing on the schedule outlined here. We would welcome input from other agencies. Please contact Jan Lewandrowski for more details.

Thanks

dave

**From:** Dragisic, Christine D [<mailto:DragisicCD@state.gov>]

**Sent:** Wednesday, April 30, 2014 5:22 PM

**To:** Meisel, Julia S; Talley, Trigg; Artusio, Christo F; Verdieck, John D; Strait, Elan P; Schuler, Reed M; Yoffe, Shira -FS; Hohenstein, William - OCE; Bill Irving ([irving.bill@epa.gov](mailto:irving.bill@epa.gov)); Maurice LeFranc ([LeFranc.Maurice@epamail.epa.gov](mailto:LeFranc.Maurice@epamail.epa.gov)); 'Fawcett, Allen'; Cleaves, David -FS

**Cc:** 'LeFranc, Maurice'; 'Ohrel, Sara'

**Subject:** RE: Post-2020 land sector accounting

Hi everyone,

We look forward to the discussion tomorrow. I thought I might recirculate the U.S. submission on elements of the 2015 agreement, as this provides some helpful "broader" context on our approach to the agreement itself. This might prove useful to inform the discussions tomorrow.

Best,  
Chris

**Christine Dragisic**

REDD+ Focal Point | U.S. Department of State | Office of Global Change (OES/EGC)

[DragisicCD@state.gov](mailto:DragisicCD@state.gov) | +1 (202) 736-7444 | 2201 C St NW, Room 2480 | Washington, DC 20520

-----Original Appointment-----

**From:** Meisel, Julia S

**Sent:** Wednesday, April 02, 2014 5:42 PM

**To:** Meisel, Julia S; Talley, Trigg; Artusio, Christo F; Dragisic, Christine D; Verdieck, John D; Strait, Elan P; Schuler, Reed M; Shira Yoffe ([syoffe@fs.fed.us](mailto:syoffe@fs.fed.us)); Bill Hohenstein ([WHOHENST@oce.usda.gov](mailto:WHOHENST@oce.usda.gov)); Bill Irving ([irving.bill@epa.gov](mailto:irving.bill@epa.gov)); Maurice LeFranc ([LeFranc.Maurice@epamail.epa.gov](mailto:LeFranc.Maurice@epamail.epa.gov)); 'Fawcett, Allen'; [dcleaves@fs.fed.us](mailto:dcleaves@fs.fed.us)

**Cc:** 'LeFranc, Maurice'; 'Ohrel, Sara'

**Subject:** Post-2020 land sector accounting

**When:** Thursday, May 01, 2014 10:30 AM-11:30 AM (UTC-05:00) Eastern Time (US & Canada).

**Where:** State 2846

Call-in information for those who are traveling (please do attend in person if you are able):

from inside the U.S.: **Ex. 6 - Privacy**

from outside the U.S.: **Ex. 6 - Privacy**

passcode: **Ex. 6 - Privacy**

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**To:** Irving, Bill[Irving.Bill@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]; Gunning, Paul[Gunning.Paul@epa.gov]; Ohrel, Sara[Ohrel.Sara@epa.gov]  
**From:** LeFranc, Maurice  
**Sent:** Wed 4/30/2014 6:10:25 PM  
**Subject:** RE: Post-2020 land sector accounting

Thanks – she called me as well but now I don't have to call back. Not sure how she can think the CEQ process is in good shape since I don't see that there is still a process.

**From:** Irving, Bill  
**Sent:** Wednesday, April 30, 2014 2:09 PM  
**To:** LeFranc, Maurice; Fawcett, Allen; Gunning, Paul; Ohrel, Sara  
**Subject:** RE: Post-2020 land sector accounting

Chris D from State called to request that EPA come prepared to address the following two issue

## Ex. 5 - Deliberative

She seems to think that the CEQ process is in better shape than how it appears to us.

**From:** LeFranc, Maurice  
**Sent:** Tuesday, April 29, 2014 9:31 AM  
**To:** Fawcett, Allen; Irving, Bill; Gunning, Paul; Ohrel, Sara  
**Subject:** RE: Post-2020 land sector accounting

This was set up quite a while ago. The topics that I recall are

Ex. 5 - Deliberative

## Ex. 5 - Deliberative

**Ex. 5 - Deliberative**

## **Ex. 5 - Deliberative**

I don't feel we need a pre-meeting for this.

**From:** Fawcett, Allen  
**Sent:** Tuesday, April 29, 2014 9:14 AM  
**To:** Irving, Bill; Gunning, Paul; LeFranc, Maurice  
**Subject:** RE: Post-2020 land sector accounting

Bill,

Here's the email chain Maurice sent earlier on this meeting. Not sure what else we're supposed to cover.

Allen

**From:** LeFranc, Maurice  
**Sent:** Friday, April 18, 2014 10:23 AM  
**To:** Dragisic, Christine D  
**Cc:** Irving, Bill; Fawcett, Allen; Ohrel, Sara  
**Subject:** RE: Interagency Land-Use, Land-Use Change and Forestry Measurement Project: Attribution



Internal reaction.

This is a very interesting email exchange. We are scheduled to come over to State on May 1 or 2 to discuss land use accounting. Much of what is in here would be helpful to parse out. I also am

## Ex. 5 - Deliberative

Perhaps it would make sense to have a pre-meeting before the State meeting with a few people to tee up what issues we should pursue.

**From:** Dragisic, Christine D [<mailto:DragisicCD@state.gov>]  
**Sent:** Wednesday, April 16, 2014 6:42 PM  
**To:** Woodall, Christopher W -FS; Irving, Bill; Coulston, John -FS  
**Cc:** LeFranc, Maurice; **Ex. 6 - Privacy, Candace Vahlsing**; Strait, Elan P; Verdieck, John D; Reams, Greg -FS  
**Subject:** RE: Interagency Land-Use, Land-Use Change and Forestry Measurement Project: Attribution

Chris,

Apologies for the delay in responding, and many thanks for the additional information. I truly appreciate it – especially the insights into the more technical aspects behind our estimations.

I think you're exactly right in that

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## Ex. 5 - Deliberative

# **Ex. 5 - Deliberative**

# Ex. 5 - Deliberative

Anyway, this is much too long of an email for the end of the day. But I really appreciate the opportunity to learn from you and incorporate your feedback into our thinking.

Best,

Chris

(Do not share)

**Ex. 5 - Deliberative**

# **Ex. 5 - Deliberative**

# **Ex. 5 - Deliberative**

# Ex. 5 - Deliberative

**Christine Dragisic**

REDD+ Focal Point | U.S. Department of State | Office of Global Change (OES/EGC)

[DragisicCD@state.gov](mailto:DragisicCD@state.gov) | +1 (202) 736-7444 | 2201 C St NW, Room 2480 | Washington, DC 20520

SBU

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**From:** Woodall, Christopher W -FS [mailto:cwoodall@fs.fed.us]  
**Sent:** Monday, April 14, 2014 12:10 PM  
**To:** Dragisic, Christine D; 'irving.bill@epa.gov'; Coulston, John -FS  
**Cc:** 'LeFranc.Maurice@epa.gov'; 'Candace\_M\_Vahlsing@ceq.eop.gov'; Strait, Elan P; Verdieck, John D; Reams, Greg -FS  
**Subject:** RE: Interagency Land-Use, Land-Use Change and Forestry Measurement Project: Attribution

Christine,

I will defer to Bill/John regarding next steps in their attribution work...but thought I would share some concepts and a pic regarding attribution especially as you mention **Ex. 5 - Deliberative**



**Ex. 5 - Deliberative**

# Ex. 5 - Deliberative

This information may be of little help...but I appreciated your questions and wanted to continue the dialogue...

Regards,

Chris

---

Christopher Woodall, Ph.D.  
Acting Program Manager, NRS-FIA

USDA Forest Service Research, Forest Inventory and Analysis

1992 Folwell Ave, St. Paul MN, 55108; Ph: 651-649-5141 Fax:651-649-5140  
[cwoodall@fs.fed.us](mailto:cwoodall@fs.fed.us) [www.nrs.fs.fed.us/people/Woodall](http://www.nrs.fs.fed.us/people/Woodall)

**From:** Dragisic, Christine D [<mailto:DragisicCD@state.gov>]

**Sent:** Saturday, April 12, 2014 8:08 PM

**To:** 'irving.bill@epa.gov'; Woodall, Christopher W -FS; Coulston, John -FS

**Cc:** 'LeFranc.Maurice@epa.gov'; **Ex. 6 - Privacy, Candace Vahlsing** Strait, Elan P; Verdieck, John D

**Subject:** Re: Interagency Land-Use, Land-Use Change and Forestry Measurement Project: Attribution

Bill, John and John,



I wanted to forward a presentation on natural disturbances Conrad George gave during the Informal Dialogue on the Land Sector; I thought this might be of interest to the team.

I'm sorry I wasn't on the last call, and I haven't had a chance to catch up with Elan. What were the planned next steps?

**Ex. 5 - Deliberative**

## **Ex. 5 - Deliberative**

Best,  
Chris

**From:** Irving, Bill [mailto:Irving.Bill@epa.gov]

**Sent:** Wednesday, March 26, 2014 01:52 PM Eastern Standard Time

**To:** Wirth, Tom <Wirth.Tom@epa.gov>; bsleeter@usgs.gov <bsleeter@usgs.gov>; reed@usgs.gov <reed@usgs.gov>; tijawbaker@usgs.gov <tijawbaker@usgs.gov>; Strait, Elan P; Dragisic, Christine D; amanda.mccarty@noaa.gov <amanda.mccarty@noaa.gov>; gshrestha@usgcrp.gov <gshrestha@usgcrp.gov>; elke.hodson@hq.doe.gov <elke.hodson@hq.doe.gov>; michael.weiss@noaa.gov <michael.weiss@noaa.gov>;

**Ex. 6 - Privacy, Candace Vahlsing**

**Ex. 6 - Privacy, Candace Vahlsing** syoffe@fs.fed.us <syoffe@fs.fed.us>; douglas.morton@nasa.gov <douglas.morton@nasa.gov>; cwoodall@fs.fed.us <cwoodall@fs.fed.us>; jcoulston@fs.fed.us <jcoulston@fs.fed.us>; ogle@nrel.colostate.edu <ogle@nrel.colostate.edu>; james.h.butler@noaa.gov <james.h.butler@noaa.gov>; john.b.miller@noaa.gov <john.b.miller@noaa.gov>; robert.s.webb@noaa.gov <robert.s.webb@noaa.gov>

**Cc:** LeFranc, Maurice <LeFranc.Maurice@epa.gov>

**Subject:** Interagency Land-Use, Land-Use Change and Forestry Measurement Project: Attribution

All – attached is a very draft annotated outline for an interagency technical paper on a USG approach to addressing natural disturbances (and other related aspects of attribution). I've penciled in a few names for drafting responsibilities, but everything is still open for discussion. In particular, since John and I drafted this paper and already had a crack at where our agencies fit in, we should spend time on the call to discuss places in the outline where agencies other than EPA and USFS can contribute.

If you can't join the call, please send in any comments via email.

Regards,

Bill

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**From:** Irving, Bill  
**Sent:** Tuesday, April 29, 2014 9:09 AM  
**To:** Gunning, Paul; LeFranc, Maurice; Fawcett, Allen  
**Subject:** FW: Post-2020 land sector accounting

FYI – I am out on Thursday and can't attend. Maurice – do you know anything more about the purpose of the meeting?

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[1]

[https://unfccc.int/files/meetings/ad\\_hoc\\_working\\_groups/kp/application/pdf/canada\\_frml\\_en.pdf](https://unfccc.int/files/meetings/ad_hoc_working_groups/kp/application/pdf/canada_frml_en.pdf)

**To:** LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]  
**Cc:** Irving, Bill[Irving.Bill@epa.gov]  
**From:** Ohrel, Sara  
**Sent:** Fri 4/18/2014 2:00:56 PM  
**Subject:** RE: ag productivity session, attendance

Thanks Maurice. I see two possible paths that could occur individually, sequentially or concurrently: an official one, as you have outlined below, and a more passive one.

The passive one would entail

**Ex. 5 - Deliberative**

# **Ex. 5 - Deliberative**

As for the more formal process, I see pros and cons.

# **Ex. 5 - Deliberative**

## Ex. 5 - Deliberative

With all that, I think that we can first go passive and see what I can find out, and then if needed try the official route in mid-May.

Sara

--deliberative--

**From:** LeFranc, Maurice  
**Sent:** Friday, April 18, 2014 9:40 AM  
**To:** Ohrel, Sara; Fawcett, Allen  
**Cc:** Irving, Bill  
**Subject:** RE: ag productivity session, attendance

Sara:

I thought a bit more about this. My suggestion for a way forward follows.

## Ex. 5 - Deliberative

# Ex. 5 - Deliberative

Let me know what you all think. I don't think it would be productive for us to go and brief them at this point as "input" to their process.

Maurice

**From:** Ohrel, Sara  
**Sent:** Tuesday, April 15, 2014 4:07 PM  
**To:** LeFranc, Maurice; Fawcett, Allen  
**Cc:** Irving, Bill  
**Subject:** RE: ag productivity session, attendance

Thanks Maurice. We have no recent proposal aside from what we had given them last time (right Allen?), as we have been following that plan. We could update that per status if you like.

I think that they are Ex. 5 - Deliberative (per pre-Bill meeting discussion with Dave Wear), but I am not sure.

The possible benefit of having me and/or Allen meet with them is to be there to say 'our plan hasn't changed, what are you doing?' And possibly get a better sense of what they are really doing (since Bill's dissertation didn't give any tangible details). If we don't play, they will say (to CEQ) that they are inviting us to the table but now we are being uncooperative...

**From:** LeFranc, Maurice  
**Sent:** Tuesday, April 15, 2014 3:45 PM  
**To:** Ohrel, Sara; Fawcett, Allen  
**Cc:** Irving, Bill  
**Subject:** RE: ag productivity session, attendance

Good afternoon. I will check in with State about getting together with them on

Ex. 5 - Deliberative

## Ex. 5 - Deliberative

have never gotten a response from Bill H. since the last meeting where I asked him to clarify their (USDA/USFS) position on our modeling.

I guess one option would be for you to send me your most recent proposal for our work and I can send it to USDA/USFS, State and CEQ and ask for a position on their involvement, support and cooperation. From Jan's note they are doing exactly what they always do and ignore input from others and just leap forward.

**From:** Ohrel, Sara  
**Sent:** Monday, April 14, 2014 1:50 PM  
**To:** LeFranc, Maurice; Fawcett, Allen  
**Cc:** Irving, Bill  
**Subject:** RE: ag productivity session, attendance

Thanks Maurice. In the meantime, do you all want me to get in touch with Jan per his email below (esp yellow highlight) to hear about their 'merry band' or stay quiet?

**From:** LeFranc, Maurice  
**Sent:** Thursday, April 10, 2014 9:18 AM  
**To:** Ohrel, Sara; Fawcett, Allen  
**Cc:** Irving, Bill  
**Subject:** RE: ag productivity session, attendance

I will follow up again with CEQ – I sent Candace a detailed note after we last spoke and have not gotten response. The main point of my note was that we would continue our work on our modeling and USDA could weigh in on whether and how they could support us.

I also spoke to Trigg and Christo and they would like to meet with us – most likely next week – to discuss LULUCF broadly. We can then engage with them to move forward – with or without CEQ.

**From:** Ohrel, Sara  
**Sent:** Thursday, April 10, 2014 9:03 AM  
**To:** Fawcett, Allen; LeFranc, Maurice  
**Cc:** Irving, Bill  
**Subject:** FW: ag productivity session, attendance

I was hoping not to hear about this until the end of the month...  
thoughts?

**From:** Lewandrowski, Jan - OCE [<mailto:JLewandrowski@oce.usda.gov>]  
**Sent:** Thursday, April 10, 2014 9:02 AM  
**To:** Ohrel, Sara  
**Subject:** RE: ag productivity session, attendance

Er – right. Another great choice from the long list of people named Karen doing interesting research.

And on another topic – I would like to talk with you about our now forming USDA projections group. I think you are at least somewhat aware of this effort as Bill and Dave Cleaves discussed it at a meeting at CEQ that I think you attended (I managed to avoid it). Bill said you volunteered (or were volunteered by someone) to brief us on similar work you are doing. I believe Allen is

**Ex. 5 - Deliberative**

**Ex. 5 - Deliberative** At any rate, I would like to discuss all this with you and if would be helpful, have one or both of you meet with our merry band.

So please give me a call when it's convenient. I will be out tomorrow but am in today and all of next week.

Jan

**From:** Ohrel, Sara [<mailto:Ohrel.Sara@epa.gov>]  
**Sent:** Wednesday, April 09, 2014 2:36 PM  
**To:** Lewandrowski, Jan - OCE; Jones, Carol - ERS; Beach, Robert H. ([rbeach@rti.org](mailto:rbeach@rti.org))  
**Subject:** RE: ag productivity session, attendance

That sounds very interesting but I meant Karen Haugen-Kozyra, recommendation of Bob McGregor

**From:** Lewandrowski, Jan - OCE [<mailto:JLewandrowski@oce.usda.gov>]  
**Sent:** Wednesday, April 09, 2014 2:34 PM  
**To:** Ohrel, Sara; Jones, Carol - ERS; Beach, Robert H. ([rbeach@rti.org](mailto:rbeach@rti.org))  
**Subject:** RE: ag productivity session, attendance

I think you mean Karen Abt – she has sent me a draft paper she is leading on the economics of the wood pellets sector. I just got this morning but from a quick look, I think it would be a great addition as well.

**From:** Ohrel, Sara [<mailto:Ohrel.Sara@epa.gov>]  
**Sent:** Wednesday, April 09, 2014 2:15 PM  
**To:** Lewandrowski, Jan - OCE; Jones, Carol - ERS; Beach, Robert H. ([rbeach@rti.org](mailto:rbeach@rti.org))



**Subject:** RE: ag productivity session, attendance

Thanks Jan. We can of course keep this on the table for consideration. As it stands, we already have 1-2 possible presenters - Karen (last name I can't remember - Robert? Bob asked about including her in January, as she was asked to present in October but couldn't come but can make the June dates) and Paul T. from Canada.

**From:** Lewandrowski, Jan - OCE [<mailto:JLewandrowski@oce.usda.gov>]  
**Sent:** Wednesday, April 09, 2014 1:28 PM  
**To:** Jones, Carol - ERS; Beach, Robert H. ([rbeach@rti.org](mailto:rbeach@rti.org))  
**Cc:** Ohrel, Sara  
**Subject:** RE: ag productivity session, attendance

The ICF lead is Diana Pape – she has worked extensive with EPA over the years on the GHG Inventory and related projects.

**From:** Jones, Carol - ERS  
**Sent:** Wednesday, April 09, 2014 1:23 PM  
**To:** Lewandrowski, Jan - OCE; Beach, Robert H. ([rbeach@rti.org](mailto:rbeach@rti.org))  
**Cc:** Ohrel, Sara ([Ohrel.Sara@epa.gov](mailto:Ohrel.Sara@epa.gov))  
**Subject:** RE: ag productivity session, attendance

yes it works! nice!

who is the ICF lead on this work for you?

**From:** Lewandrowski, Jan - OCE  
**Sent:** Wednesday, April 09, 2014 1:17 PM  
**To:** Jones, Carol - ERS; Beach, Robert H. ([rbeach@rti.org](mailto:rbeach@rti.org))  
**Cc:** Ohrel, Sara ([Ohrel.Sara@epa.gov](mailto:Ohrel.Sara@epa.gov))  
**Subject:** RE: ag productivity session, attendance

This work extends the previous study to develop the MACCs themselves (these were not in the 2013 paper) - see attachment. If I have done the attaching correctly you should be able to move your cursor along the bottom or top of the bars and see the practices that become economically rational to adopt.

**From:** Jones, Carol - ERS  
**Sent:** Wednesday, April 09, 2014 1:08 PM  
**To:** Lewandrowski, Jan - OCE; Beach, Robert H. ([rbeach@rti.org](mailto:rbeach@rti.org))  
**Cc:** Ohrel, Sara ([Ohrel.Sara@epa.gov](mailto:Ohrel.Sara@epa.gov))  
**Subject:** RE: ag productivity session, attendance

I am familiar with that work and think it is really interesting. It has been out for quite a while now though, is it timely for MF?

if so, I don't see the fit with our session on ag productivity though...

is there another session it could fit in?

**From:** Lewandrowski, Jan - OCE  
**Sent:** Wednesday, April 09, 2014 1:05 PM  
**To:** Jones, Carol - ERS; Beach, Robert H. ([rbeach@rti.org](mailto:rbeach@rti.org))  
**Cc:** Ohrel, Sara ([Ohrel.Sara@epa.gov](mailto:Ohrel.Sara@epa.gov))  
**Subject:** RE: ag productivity session, attendance

Greetings Carol, Robert, and Sara:

I realize it is very late to add a new presentation but if there is space for one I would like the group to consider one from ICF International that describes results of work they have been doing

## Ex. 5 - Deliberative

# Ex. 5 - Deliberative

Again – realizing the late date – it's no problem if the agenda is full. However, if a slot is available, or does open up, this would be a presentation most in the group should find interesting.

Jan

**From:** Jones, Carol - ERS  
**Sent:** Wednesday, April 09, 2014 12:03 PM  
**To:** Beach, Robert H. ([rbeach@rti.org](mailto:rbeach@rti.org))  
**Cc:** Lewandrowski, Jan - OCE; Ohrel, Sara ([Ohrel.Sara@epa.gov](mailto:Ohrel.Sara@epa.gov))  
**Subject:** ag productivity session, attendance

FYI - we are going to forego a crop AgMIP paper, since the work has been published already, and new stuff is still early in design phase. And because Jerry Nelson now cannot attend due to a conflict.

I will send a revised version of the session when I get new titles. hopefully today.

**not coming:**

Keith Wiebe

Jerry Nelson

**possible substitution:**

Stephen Smith may be able to come (he is out on paternity leave for a few months) – if not, then his colleague Frédéric Roy-Vigneault will attend in his place and present his paper

**additions:**

I want to confirm that Steve Wallander of ERS is on the list, and add him in place of Keith Wiebe if not.

Also to add Uris Baldos in place of Jerry Nelson – Tom Hertel would like him to present their paper.

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**To:** 'Cavallaro, Nancy'[NCAVALLARO@nifa.usda.gov]  
**Cc:** Vahlsing, Candace; [REDACTED] **Ex. 6 - Privacy**; CCIWG 2012 (cciwg-group@usgcrp.gov)[cciwg-group@usgcrp.gov]; Ohrel, Sara[Ohrel.Sara@epa.gov]; Irving, Bill[Irving.Bill@epa.gov]; Julie Morris (jmorris@usgcrp.gov)[jmorris@usgcrp.gov]; tarmstrong@usgcrp.gov[tarmstrong@usgcrp.gov]; Chris Weaver[cweaver@usgcrp.gov]  
**From:** Duke, Rick  
**Sent:** Mon 3/3/2014 9:33:54 PM  
**Subject:** RE: CEQ land carbon and CCIWG coordination

Nancy,

Thank you.

We look forward to closer engagement with CCIWG on these important challenges.

Best,

Rick

**From:** Cavallaro, Nancy [mailto:NCAVALLARO@nifa.usda.gov]  
**Sent:** Friday, February 28, 2014 5:46 PM  
**To:** Duke, Rick  
**Cc:** Vahlsing, Candace; CCIWG 2012 (cciwg-group@usgcrp.gov); Ohrel, Sara (Ohrel.Sara@epa.gov); Irving.Bill@epa.gov; Julie Morris (jmorris@usgcrp.gov); tarmstrong@usgcrp.gov; Chris Weaver  
**Subject:** CEQ land carbon and CCIWG coordination

Rick,

Attached please find the CCIWG response to your query about how the CCIWG can interact with the CEQ IWGs on land carbon inventories and projections. We look forward to further discussions and interactions with you and the IWGs.

Nancy Cavallaro, Ph.D.  
National Program Leader

Soils & Global Change Programs  
Email: [ncavallaro@nifa.usda.gov](mailto:ncavallaro@nifa.usda.gov)

Voice: 202-401-5176  
Fax: 202-401-6070

Mail address: 1400 Independence Ave. SW; Mail Stop 2210; Washington, DC 20250-2210

Courier Service address: Waterfront Centre; 800 9th Street SW; Room 3279; Washington, DC 20024

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"...he who controls the soil controls the Earth's productivity, life itself." --from *The Eternal Frontier* by Tim Flannery 2002

**From:** Duke, Rick [<mailto:rick.duke@aphis.usda.gov>] **Ex. 6 - Privacy**

**Sent:** Friday, February 21, 2014 1:20 PM

**To:** Patel-Weynand, Toral -FS; Irving, Bill; Langner, Linda -FS; Gunning, Paul; Jenkins, Jennifer; Fawcett, Allen; Ohrel, Sara; Woodall, Christopher W -FS; Reams, Greg -FS; Wear, Dave -FS; Skog, Kenneth E -FS; Reed, Bradley; Prestemon, Jeff -FS; [Lefranc.maurice@epa.gov](mailto:Lefranc.maurice@epa.gov); Li, Jia; Goffman, Joseph ([Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)) ([Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)); Bonnie, Robert - OSEC; Holmes, Patrick - OSEC; Hohenstein, William - OCE; Cleaves, David -FS; [Elizabeth.Klein@ios.doi.gov](mailto:Elizabeth.Klein@ios.doi.gov); [sarah.greenberger@ios.doi.gov](mailto:sarah.greenberger@ios.doi.gov); 'Jonathan.pershing@hq.doe.gov'; Greenwald, Judith ([Judith.Greenwald@Hq.Doe.Gov](mailto:Judith.Greenwald@Hq.Doe.Gov)); Mignone, Bryan ([Bryan.Mignone@hq.doe.gov](mailto:Bryan.Mignone@hq.doe.gov)); 'gshrestha@usgcrp.gov'; Strait, Elan P; Dragisic, Christine D; Meisel, Julia S; Christine Blackburn - NOAA Federal; Michael Weiss - NOAA Federal; Jensen, Jay; Ewen, Alice; 'Matthew Larsen'; Dietz, Michelle (Intern); Trigg Talley (OES) ([talleyt@state.gov](mailto:talleyt@state.gov)) ([talleyt@state.gov](mailto:talleyt@state.gov)); Debrosse, Muriel; Greczmiel, Horst; Eng, Esther; Cuddy, Thomas; 'Hodson, Elke (FELLOW)'; 'Artusio, Christo F'; Yoffe, Shira -FS; 'Ariana Sutton-Grier - NOAA Affiliate'; 'Amber Moore - NOAA Affiliate'; Garvey, Will; 'Pershing, Jonathan'; Johnson, Randy -FS; Cavallaro, Nancy; 'michael.kuperberg@science.doe.gov'

**Cc:** Vahlsing, Candace

**Subject:** FW: Forest Measurement Follow-Up

Thanks for the productive discussion today.

As follow-up, we will be scheduling a meeting on the projections workstream next Friday, a call with the inventory team in two weeks, and a check-in with the entire group in one month.

In the meantime, before next Friday:

# **Ex. 5 - Deliberative**

Thanks for your continued effort on this. We are making good progress and I'm confident that this effort will help us deliver both domestic and international priorities under the CAP.

Best,

Rick

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**To:** Cavallaro, Nancy[NCAVALLARO@nifa.usda.gov]  
**Cc:** Duke, Rick[Ex. 6 - Privacy]; Vahlsing, Candace  
[Ex. 6 - Privacy]; CCIWG 2012 (cciwg-group@usgcrp.gov)[cciwg-group@usgcrp.gov]; Ohrel, Sara[Ohrel.Sara@epa.gov]; Irving, Bill[Irving.Bill@epa.gov]; Julie Morris (jmorris@usgcrp.gov)[jmorris@usgcrp.gov]; tarmstrong@usgcrp.gov[tarmstrong@usgcrp.gov]; Chris Weaver[cweaver@usgcrp.gov]  
**From:** James Butler - NOAA Federal  
**Sent:** Mon 3/3/2014 12:22:11 AM  
**Subject:** Re: [CCIWG] CEQ land carbon and CCIWG coordination

Nancy,

I was on leave a bit and may have missed this request. I was also unable to call in on the CEQ event we had with them on this subject, so I apologize for those. How is "land" defined for this? I was just at an OSTP meeting, which included folks like Bill Irving (EPA), Bill Hohenstein (USDA), several from DOE, NOAA, NASA, and other agencies, where much of the discussion

## Ex. 5 - Deliberative

If I'm off target with this email, please let me know.

Thanks!

Jim

James.H.Butler, Director  
Global Monitoring Division  
NOAA Earth System Research Laboratory  
325 Broadway  
Boulder CO 80305

Ph: 303-497-6898  
Cell: 303-503-7448  
Fax: 303-497-6975  
[www.esrl.noaa.gov/gmd](http://www.esrl.noaa.gov/gmd)

On Fri, Feb 28, 2014 at 3:46 PM, Cavallaro, Nancy <[NCAVALLARO@nifa.usda.gov](mailto:NCAVALLARO@nifa.usda.gov)> wrote:

Rick,

Attached please find the CCIWG response to your query about how the CCIWG can interact with the CEQ IWGs on land carbon inventories and projections. We look forward to further discussions and interactions with you and the IWGs.

Nancy Cavallaro, Ph.D.  
National Program Leader

Soils & Global Change Programs  
Email: [ncavallaro@nifa.usda.gov](mailto:ncavallaro@nifa.usda.gov)

Voice: [202-401-5176](tel:202-401-5176)  
Fax: [202-401-6070](tel:202-401-6070)

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"...he who controls the soil controls the Earth's productivity, life itself." --from *The Eternal Frontier* by Tim Flannery 2002

**From:** Duke, Rick [mailto:[Ex. 6 - Privacy](#)]  
**Sent:** Friday, February 21, 2014 1:20 PM  
**To:** Patel-Weynand, Toral -FS; Irving, Bill; Langner, Linda -FS; Gunning, Paul; Jenkins, Jennifer; Fawcett, Allen; Ohrel, Sara; Woodall, Christopher W -FS; Reams, Greg -FS; Wear, Dave -FS; Skog, Kenneth E -FS; Reed, Bradley; Prestemon, Jeff -FS; [Lefranc.maurice@epa.gov](mailto:Lefranc.maurice@epa.gov); Li, Jia; Goffman, Joseph ([Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)) ([Goffman.Joseph@epa.gov](mailto:Goffman.Joseph@epa.gov)); Bonnie, Robert - OSEC; Holmes, Patrick - OSEC; Hohenstein, William - OCE; Cleaves, David -FS; [Elizabeth.Klein@ios.doi.gov](mailto:Elizabeth.Klein@ios.doi.gov); [sarah.greenberger@ios.doi.gov](mailto:sarah.greenberger@ios.doi.gov); [Jonathan.pershing@hq.doe.gov](mailto:Jonathan.pershing@hq.doe.gov); Greenwald, Judith ([Judith.Greenwald@Hq.Doe.Gov](mailto:Judith.Greenwald@Hq.Doe.Gov)); Mignone, Bryan ([Bryan.Mignone@hq.doe.gov](mailto:Bryan.Mignone@hq.doe.gov)); [gshrestha@usgcrp.gov](mailto:gshrestha@usgcrp.gov); Strait, Elan P; Dragisic, Christine D; Meisel, Julia S; Christine Blackburn - NOAA Federal; Michael Weiss - NOAA Federal; Jensen, Jay; Ewen, Alice; 'Matthew Larsen'; Dietz, Michelle (Intern); Trigg Talley (OES) ([talleyt@state.gov](mailto:talleyt@state.gov)) ([talleyt@state.gov](mailto:talleyt@state.gov)); Debrosse, Muriel; Greczmiel, Horst; Eng, Esther; Cuddy, Thomas; 'Hodson, Elke (FELLOW)'; 'Artusio, Christo F'; Yoffe, Shira -FS; 'Ariana Sutton-Grier - NOAA Affiliate'; 'Amber Moore - NOAA Affiliate'; Garvey, Will; 'Pershing, Jonathan'; Johnson, Randy -FS; Cavallaro, Nancy; [michael.kuperberg@science.doe.gov](mailto:michael.kuperberg@science.doe.gov)  
**Cc:** Vahlsing, Candace  
**Subject:** FW: Forest Measurement Follow-Up

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## **Ex. 5 - Deliberative**

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Rick

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To post to this group, send email to [cciwg-group@usgcrp.gov](mailto:cciwg-group@usgcrp.gov).

Visit this group at <http://groups.google.com/a/usgcrp.gov/group/cciwg-group/>.

**To:** Yoffe, Shira -FS[syoffe@fs.fed.us]; LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Hohenstein, William - OCE[WHOHENST@oce.usda.gov]; Manis, Mark FAS[Mark.Manis@fas.usda.gov]; 'Torai.Patel-Weynand@usda.gov'[Torai.Patel-Weynand@usda.gov]; Irving, Bill[Irving.Bill@epa.gov]; Notman, Evan (E3/GCC/AID)[enotman@usaid.gov]; 'Katie.Berg@treasury.gov'[Katie.Berg@treasury.gov]; Ogonowski, Matthew (E3/GCC)[mogonowski@usaid.gov]; Aukema, Juliann E.(E3/GCC/AID)[jaukema@usaid.gov]; Patel-Weynand, Toral -FS[tpatelweynand@fs.fed.us]  
**Cc:** Talley, Trigg[TalleyT@state.gov]; Artusio, Christo F[ArtusioCF@state.gov]; Verdieck, John D[VerdieckJD@state.gov]; Meisel, Julia S[MeiselJS@state.gov]; Strait, Elan P[StraitEP@state.gov]; Rakestraw, Andrew R[RakestrawAR@state.gov]; Schuler, Reed M[SchulerRM@state.gov]; Kelly, Alexia C[Kelly-SchwartzAC@state.gov]; Benes, Keith J[BenesKJ@state.gov]; Lattimer, Timothy P[LattimerTP@state.gov]  
**From:** Dragisic, Christine D  
**Sent:** Tue 2/18/2014 11:01:29 PM  
**Subject:** RE: Post 2020 Land Use follow-up  
U S submission on elements of the 2105 agreement.docx

USDA and EPA folks, many thanks for the work you put into filling out these tables. Your answers, and questions, are super helpful. We'll be getting back to you with additional questions, I'm sure. EPA – one question now: were you able to give some thought to filling out the table on the second page?

## Ex. 5 - Deliberative

Finally, I realize not all of you may have seen the recent U.S. ADP submission; I attach it here for your reference.

Cheers,  
Chris

**Christine Dragisic**

REDD+ Focal Point | U.S. Department of State | Office of Global Change (OES/EGC)

DragisicCD@state.gov | +1 (202) 736-7444 | 2201 C St NW, Room 2480 | Washington, DC 20520

SBU

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**From:** Yoffe, Shira -FS [mailto:syoffe@fs.fed.us]

**Sent:** Tuesday, February 18, 2014 12:46 PM

**To:** LeFranc, Maurice; Dragisic, Christine D; Hohenstein, William - OCE; Manis, Mark FAS; 'Toral.Patel-Weynand@usda.gov'; Irving, Bill; Notman, Evan (E3/GCC/AID); 'Katie.Berg@treasury.gov'; Ogonowski, Matthew (E3/GCC); Aukema, Juliann E.(E3/GCC/AID); Patel-Weynand, Toral -FS

**Cc:** Talley, Trigg; Artusio, Christo F; Verdieck, John D; Meisel, Julia S; Strait, Elan P; Rakestraw, Andrew R; Schuler, Reed M; Kelly, Alexia C; Benes, Keith J; Lattimer, Timothy P

**Subject:** RE: Post 2020 Land Use follow-up

Hi Chris,

Please find USDA comments attached. We also agree with the comments from EPA.

Cheers,

Shira

Shira Yoffe, Ph.D.

Senior Policy Advisor

Office of International Programs

US Forest Service

1 Thomas Circle, NW, Suite 400

Washington, DC 20005

Tel: 202-644-4626

Fax: 202-644-4603

**From:** LeFranc, Maurice [<mailto:LeFranc.Maurice@epa.gov>]

**Sent:** Tuesday, February 18, 2014 10:28 AM

**To:** Dragisic, Christine D; Yoffe, Shira -FS; Hohenstein, William - OCE; Manis, Mark FAS; 'Toral.Patel-Weynand@usda.gov'; Irving, Bill; Evan Notman; 'Katie.Berg@treasury.gov'; Matt Ogonowski; Juliann Aukema; Patel-Weynand, Toral -FS

**Cc:** Talley, Trigg; Artusio, Christo F; Verdieck, John D; Meisel, Julia S; Strait, Elan P; Rakestraw, Andrew R; Schuler, Reed M; Kelly, Alexia C; Benes, Keith J; Lattimer, Timothy P

**Subject:** RE: Post 2020 Land Use follow-up

Here are comments from Bill I. and from me. Hope they are helpful.

**From:** Dragisic, Christine D [<mailto:DragisicCD@state.gov>]

**Sent:** Friday, February 14, 2014 4:50 PM

**To:** 'syoffe@fs.fed.us'; 'whohenst@oce.usda.gov'; 'Mark.Manis@fas.usda.gov'; 'Toral.Patel-Weynand@usda.gov'; LeFranc, Maurice; Irving, Bill; Notman, Evan (E3/GCC/AID); 'Katie.Berg@treasury.gov'; Ogonowski, Matthew (E3/GCC); Aukema, Juliann E.(E3/GCC/AID); 'tpatelweynand@fs.fed.us'

**Cc:** Talley, Trigg; Artusio, Christo F; Verdieck, John D; Meisel, Julia S; Strait, Elan P; Rakestraw, Andrew R; Schuler, Reed M; Kelly, Alexia C; Benes, Keith J; Lattimer, Timothy P

**Subject:** Re: Post 2020 Land Use follow-up

Hi everyone - I know the snow set timelines back a bit, but we would very much appreciate your feedback on the table we circulated as soon as possible.

Thanks,  
Chris

**From:** Dragisic, Christine D  
**Sent:** Tuesday, February 04, 2014 02:38 PM Eastern Standard Time  
**To:** 'Shira Yoffe' <[syoffe@fs.fed.us](mailto:syoffe@fs.fed.us)>; 'Bill Hohenstein' <[WHOHENST@oce.usda.gov](mailto:WHOHENST@oce.usda.gov)>; 'Mark Manis' <[Mark.Manis@fas.usda.gov](mailto:Mark.Manis@fas.usda.gov)>; 'Patel-Weynand, Toral -FS' ([Toral.Patel-Weynand@usda.gov](mailto:Toral.Patel-Weynand@usda.gov))' <[Toral.Patel-Weynand@usda.gov](mailto:Toral.Patel-Weynand@usda.gov)>; 'Maurice LeFranc' ([LeFranc.Maurice@epamail.epa.gov](mailto:LeFranc.Maurice@epamail.epa.gov))' <[LeFranc.Maurice@epamail.epa.gov](mailto:LeFranc.Maurice@epamail.epa.gov)>; 'Bill Irving' <[irving.bill@epa.gov](mailto:irving.bill@epa.gov)>; Notman, Evan (E3/GCC/AID); 'Katie Berg' <[Katie.Berg@treasury.gov](mailto:Katie.Berg@treasury.gov)>; Ogonowski, Matthew (E3/GCC); Aukema, Juliann E.(E3/GCC/AID); 'Patel-Weynand, Toral -FS' <[tpatelweynand@fs.fed.us](mailto:tpatelweynand@fs.fed.us)>; Evan Notman <[enotman@usaid.gov](mailto:enotman@usaid.gov)>  
**Cc:** Talley, Trigg; Artusio, Christo F; Verdieck, John D; Meisel, Julia S; Strait, Elan P; Rakestraw, Andrew R; Schuler, Reed M; Kelly, Alexia C; Benes, Keith J; Lattimer, Timothy P  
**Subject:** Post 2020 Land Use follow-up

Folks,

Thanks very much for a productive meeting last week on potential elements of ex-ante clarity and accounting parameters which might be relevant to the land sector.

Following up on these discussions, we wanted to ask each domestic agency to provide additional input in the attached table **by next Wednesday, Feb 12**. Please keep in mind the timelines outlined by Christo last week; we will begin negotiating ex-ante clarity and accounting in March, and we need to be ready to put a commitment on the table by September 2014. The elements in this table will inform how a commitment is shaped. Please let me know if there are any questions.

We'll plan a follow-up discussion to advance this thinking further soon, and in the meantime look forward to the discussion on the working groups this Friday.

Best,  
Chris

Christine Dragisic

REDD+ Focal Point | U.S. Department of State | Office of Global Change (OES/EGC)

CBD0000623



DragisicCD@state.gov | +1 (202) 736-7444 | 2201 C St NW, Room 2480 | Washington, DC 20520

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**To:** LeFranc, Maurice[LeFranc.Maurice@epa.gov]  
**Cc:** Irving, Bill[Irving.Bill@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]; Ohrel, Sara[Ohrel.Sara@epa.gov]  
**From:** Vahlsing, Candace  
**Sent:** Fri 2/7/2014 9:29:51 PM  
**Subject:** RE:

Very helpful. Thank you!

**From:** LeFranc, Maurice [mailto:LeFranc.Maurice@epa.gov]  
**Sent:** Friday, February 07, 2014 4:23 PM  
**To:** Vahlsing, Candace  
**Cc:** Irving, Bill; Fawcett, Allen; Ohrel, Sara  
**Subject:**

Candace:

Here is input from Bill, Sara and Allen. Hope it helps.

Maurice

Thanks for the productive discussion today. We are making good progress.

Coming out of today's discussion there appears to be Ex. 5 - Deliberative

# Ex. 5 - Deliberative

# Ex. 5 - Deliberative

As follow-up we will be hosting another in-person meeting on February 21. A meeting invite will be sent shortly. Before the next meeting please continue to work within your subgroups. We would also ask USGCRP to please send a list of forthcoming research which could be folded into the inventory or projections work streams (e.g., **Ex. 5 - Deliberative**).

Maurice N. LeFranc, Jr.

Senior Advisor for International Climate Change

Office of Air and Radiation

U.S. Environmental Protection Agency

Office Phone: 202-564-1813

Mobile: 202-450-7863

**To:** Artusio, Christo F[ArtusioCF@state.gov]; Verdieck, John D[VerdieckJD@state.gov]; Strait, Elan P[StraitEP@state.gov]; Kelly, Alexia C[Kelly-SchwartzAC@state.gov]; 'syoffe@fs.fed.us'[syoffe@fs.fed.us]; Notman, Evan (E3/GCC/AID)[enotman@usaid.gov]; 'tpatelweynand@fs.fed.us'[tpatelweynand@fs.fed.us]; Talley, Trigg[TalleyT@state.gov]; Meisel, Julia S[MeiselJS@state.gov]; Rakestraw, Andrew R[RakestrawAR@state.gov]; Schuler, Reed M[SchulerRM@state.gov]; Benes, Keith J[BenesKJ@state.gov]; 'whohenst@oce.usda.gov'[whohenst@oce.usda.gov]; 'Mark.Manis@fas.usda.gov'[Mark.Manis@fas.usda.gov]; 'Toral.Patel-Weynand@usda.gov'[Toral.Patel-Weynand@usda.gov]; LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Irving, Bill[Irving.Bill@epa.gov]; 'Katie.Berg@treasury.gov'[Katie.Berg@treasury.gov]; Ogonowski, Matthew (E3/GCC)[mogonowski@usaid.gov]; Aukema, Juliann E.(E3/GCC/AID)[jaukema@usaid.gov]; Lattimer, Timothy P[LattimerTP@state.gov]  
**From:** Dragisic, Christine D  
**Sent:** Thur 1/30/2014 5:09:47 PM  
**Subject:** Post 2020 Land Use rescheduled

Starting now! If you haven't made it in person please feel free to call in:

International dial: Ex. 6 - Privacy  
Dial-In Number: Ex. 6 - Privacy  
Participant Passcode: Ex. 6 - Privacy

**To:** Talley, Trigg[TalleyT@state.gov]; Artusio, Christo F[ArtusioCF@state.gov]; Verdieck, John D[VerdieckJD@state.gov]; Meisel, Julia S[MeiselJS@state.gov]; Strait, Elan P[StraitEP@state.gov]; Rakestraw, Andrew R[RakestrawAR@state.gov]; Schuler, Reed M[SchulerRM@state.gov]; Kelly, Alexia C[Kelly-SchwartzAC@state.gov]; Benes, Keith J[BenesKJ@state.gov]; 'Shira Yoffe'[syoffe@fs.fed.us]; 'Bill Hohenstein'[WHOHENST@oce.usda.gov]; 'Mark Manis'[Mark.Manis@fas.usda.gov]; 'Patel-Weynand, Toral -FS (Toral.Patel-Weynand@usda.gov)'[Toral.Patel-Weynand@usda.gov]; LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Irving, Bill[Irving.Bill@epa.gov]; Notman, Evan (E3/GCC/AID)[enotman@usaid.gov]; 'Katie Berg'[Katie.Berg@treasury.gov]; Ogonowski, Matthew (E3/GCC)[mogonowski@usaid.gov]; Aukema, Juliann E.(E3/GCC/AID)[jaukema@usaid.gov]; 'Patel-Weynand, Toral -FS'[tpatelweynand@fs.fed.us]; Lattimer, Timothy P[LattimerTP@state.gov]  
**Cc:** Notman, Evan (E3/GCC/AID)[enotman@usaid.gov]  
**From:** Dragisic, Christine D  
**Sent:** Thur 1/30/2014 4:15:02 PM  
**Subject:** RE: Post 2020 Land Use rescheduled  
Post 2020 Land Sector Interagency handout 1-30-14.docx

Folks,

We look forward to the discussion today. We'll try to keep it to one hour as a few people need to leave at 1pm. (Please feel free to bring your lunch.)

I'm attaching a short handout to guide discussion. We'd appreciate it if you do not share it more widely.

I've cleared in those who requested clearance; if anyone else needs to be cleared in please let me know.

Best,  
Chris

**Christine Dragisic**

REDD+ Focal Point | U.S. Department of State | Office of Global Change (OES/EGC)  
DragisicCD@state.gov | +1 (202) 736-7444 | 2201 C St NW, Room 2480 | Washington, DC 20520

-----Original Appointment-----

**From:** Dragisic, Christine D  
**Sent:** Thursday, January 16, 2014 9:25 AM  
**To:** Dragisic, Christine D; Talley, Trigg; Artusio, Christo F; Verdieck, John D; Meisel, Julia S; Strait, Elan P; Rakestraw, Andrew R; Schuler, Reed M; Kelly, Alexia C; Benes, Keith J; 'Shira Yoffe'; 'Bill Hohenstein'; 'Mark Manis'; 'Patel-Weynand, Toral -FS (Toral.Patel-Weynand@usda.gov)'; 'Maurice LeFranc (LeFranc.Maurice@epamail.epa.gov)'; 'Bill Irving'; Notman, Evan (E3/GCC/AID); 'Katie Berg'; Ogonowski, Matthew (E3/GCC); Aukema, E Juliann(E3/GCC/AID); 'Patel-Weynand, Toral -FS'; Lattimer, Timothy P  
**Cc:** Evan Notman  
**Subject:** Post 2020 Land Use rescheduled  
**When:** Thursday, January 30, 2014 12:00 PM-1:30 PM (UTC-05:00) Eastern Time (US & Canada).  
**Where:** State Dept 2478

Hi everyone,

Based on the responses I have received, it seems this time will work for at least one person from each

agency. (Alas, no time works for everyone.) If you are not able to be there, please do make sure your colleagues are fully briefed.

It would be great if those deeply involved in the CEQ process could plan to attend, so we can make sure the appropriate links are made.

Thanks,  
Chris

PS – Please feel free to bring your lunch.

Hi everyone,

Happy New Year!

We'd like to continue the discussions we began last year on the post-2020 land sector with a meeting next week. Please do respond to this email to let me know if you are available; if we have a quorum, we'd like to move ahead. (Also let us know if you need to be cleared in.) We'd like to focus on some of the topics that will be discussed this year under ADP for which there may be land-use related considerations, for example ex-ante clarity and transparency provisions. We look forward to the discussion, and to your input.

Best,  
Chris

SBU

This email is UNCLASSIFIED

**To:** Talley, Trigg[TalleyT@state.gov]; Artusio, Christo F[ArtusioCF@state.gov]; Verdieck, John D[VerdieckJD@state.gov]; Meisel, Julia S[MeiselJS@state.gov]; Strait, Elan P[StraitEP@state.gov]; Rakestraw, Andrew R[RakestrawAR@state.gov]; Schuler, Reed M[SchulerRM@state.gov]; Kelly, Alexia C[Kelly-SchwartzAC@state.gov]; Benes, Keith J[BenesKJ@state.gov]; 'Shira Yoffe'[syoffe@fs.fed.us]; 'Bill Hohenstein'[WHOHENST@oce.usda.gov]; 'Mark Manis'[Mark.Manis@fas.usda.gov]; 'Patel-Weynand, Toral -FS (Toral.Patel-Weynand@usda.gov)'[Toral.Patel-Weynand@usda.gov]; LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Irving, Bill[Irving.Bill@epa.gov]; Notman, Evan (E3/GCC/AID)[enotman@usaid.gov]; 'Katie Berg'[Katie.Berg@treasury.gov]; Ogonowski, Matthew (E3/GCC)[mogonowski@usaid.gov]; Aukema, Juliann E.(E3/GCC/AID)[jaukema@usaid.gov]; 'Patel-Weynand, Toral -FS'[tpatelweynand@fs.fed.us]; Lattimer, Timothy P[LattimerTP@state.gov]  
**Cc:** Notman, Evan (E3/GCC/AID)[enotman@usaid.gov]  
**From:** Dragisic, Christine D  
**Sent:** Mon 1/27/2014 3:31:01 PM  
**Subject:** RE: Post 2020 Land Use rescheduled

Hi everyone,

We look forward to seeing you this Thursday to talk about the land sector post-2020. Please do let us know if you need to be cleared into the building.

Best,  
Chris

**Christine Dragisic**

REDD+ Focal Point | U.S. Department of State | Office of Global Change (OES/EGC)  
DragisicCD@state.gov | +1 (202) 736-7444 | 2201 C St NW, Room 2480 | Washington, DC 20520

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**Sent:** Thursday, January 16, 2014 9:25 AM  
**To:** Dragisic, Christine D; Talley, Trigg; Artusio, Christo F; Verdieck, John D; Meisel, Julia S; Strait, Elan P; Rakestraw, Andrew R; Schuler, Reed M; Kelly, Alexia C; Benes, Keith J; 'Shira Yoffe'; 'Bill Hohenstein'; 'Mark Manis'; 'Patel-Weynand, Toral -FS (Toral.Patel-Weynand@usda.gov)'; 'Maurice LeFranc (LeFranc.Maurice@epa.gov)'; 'Bill Irving'; Notman, Evan (E3/GCC/AID); 'Katie Berg'; Ogonowski, Matthew (E3/GCC); Aukema, E Juliann(E3/GCC/AID); 'Patel-Weynand, Toral -FS'; Lattimer, Timothy P  
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**Subject:** Post 2020 Land Use rescheduled  
**When:** Thursday, January 30, 2014 12:00 PM-1:30 PM (UTC-05:00) Eastern Time (US & Canada).  
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It would be great if those deeply involved in the CEQ process could plan to attend, so we can make sure the appropriate links are made.

Thanks,  
Chris

PS – Please feel free to bring your lunch.

Hi everyone,

Happy New Year!

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Best,  
Chris

This email is UNCLASSIFIED



**To:** Vahlsing, Candace[b(6) privacy] LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Patel-Weynand, Toral -FS[tpatelweynand@fs.fed.us]; Irving, Bill[Irving.Bill@epa.gov]  
**Cc:** Ohrel, Sara[Ohrel.Sara@epa.gov]; Langner, Linda -FS[lilangner@fs.fed.us]; Woodall, Christopher W -FS[cwoodall@fs.fed.us]; Wear, Dave -FS[dwear@fs.fed.us]; Skog, Kenneth E -FS[kskog@fs.fed.us]  
**From:** Reams, Greg -FS  
**Sent:** Wed 1/22/2014 3:13:10 PM  
**Subject:** RE: Forest Carbon Planning  
[Inventoryworkinggroupscoping\\_011714b.docx](#)

Candace,

Here is the version I shared with the inventory group on Friday. I'm not aware of any further updates.  
Greg

Greg Reams, Ph.D.  
FIA National Program Leader  
USDA Forest Service  
703-605-4189  
greams@fs.fed.us

-----Original Message-----

**From:** Vahlsing, Candace [mailto:b(6) privacy]  
**Sent:** Wednesday, January 22, 2014 10:05 AM  
**To:** LeFranc, Maurice; Patel-Weynand, Toral -FS; Irving, Bill  
**Cc:** Ohrel, Sara; Langner, Linda -FS; Woodall, Christopher W -FS; Wear, Dave -FS; Reams, Greg -FS; Skog, Kenneth E -FS  
**Subject:** RE: Forest Carbon Planning  
**Importance:** High

Bill, Chris, Greg - Is it possible for you to send the inventory paper in the next 15 minutes?

-----Original Message-----

**From:** LeFranc, Maurice [mailto:LeFranc.Maurice@epa.gov]  
**Sent:** Tuesday, January 21, 2014 7:27 PM  
**To:** Toral Patel-Weynand; Vahlsing, Candace; Irving, Bill  
**Cc:** Ohrel, Sara; Langner, Linda -FS; Woodall, Christopher W -FS; Wear, Dave -FS; Reams, Greg -FS; Skog, Kenneth E -FS  
**Subject:** Re: Forest Carbon Planning

It is unclear to us what versions of papers were sent to you over the weekend. These were not cleared with EPA before being sent over so version control is unknown.

Please use the final versions sent by Sara this afternoon - and to be sent by Bill. They have both incorporated final comments from counterparts at USFS.

Thank you.

---

**From:** Patel-Weynand, Toral -FS <tpatelweynand@fs.fed.us>  
**Sent:** Tuesday, January 21, 2014 6:56:50 PM  
**To:** b(6) privacy - Candace Vahlsing Irving, Bill; LeFranc, Maurice  
**Cc:** Ohrel, Sara; Langner, Linda -FS; Woodall, Christopher W -FS; Wear, Dave -FS; Reams, Greg -FS; Skog, Kenneth E -FS  
**Subject:** Re: Forest Carbon Planning

Candace:

You should have the final versions of both sets of papers that I sent over the weekend. I can resend those if you need. Pl. Let me know.

Toral

----- Original Message -----

From: Vahlsing, Candace [mailto:**b(6) privacy - Candace Vahlsing**]  
Sent: Tuesday, January 21, 2014 06:25 PM  
To: Irving, Bill <Irving.Bill@epa.gov>; Patel-Weynand, Toral -FS; LeFranc, Maurice <LeFranc.Maurice@epa.gov>  
Cc: Ohrel, Sara <Ohrel.Sara@epa.gov>; Langner, Linda -FS; Woodall, Christopher W -FS; Wear, Dave -FS; Reams, Greg -FS; Skog, Kenneth E -FS  
Subject: RE: Forest Carbon Planning

Thanks Bill. If we could get it tonight that would be great so I can send a read ahead, but if it's not possible I understand.

-----Original Message-----

From: Irving, Bill [mailto:Irving.Bill@epa.gov]  
Sent: Tuesday, January 21, 2014 6:14 PM  
To: Patel-Weynand, Toral -FS; LeFranc, Maurice; Vahlsing, Candace  
Cc: Ohrel, Sara; Langner, Linda -FS; Woodall, Christopher W -FS; Wear, Dave -FS; Reams, Greg -FS; Skog, Kenneth E -FS  
Subject: RE: Forest Carbon Planning

Chris, Greg

Your changes to the inventory paper look good. In particular I thought the clarification to the attribution section was important. We will have a few technical questions to sort through on the all gases & pools part, but that can come later.

Could you please send the new version to Candace tomorrow AM?

Regards,

Bill

---

From: Patel-Weynand, Toral -FS <tpatelweynand@fs.fed.us>  
Sent: Tuesday, January 21, 2014 5:50 PM  
To: LeFranc, Maurice; **b(6) privacy - Candace Vahlsing**  
Cc: Ohrel, Sara; Irving, Bill; Langner, Linda -FS; Woodall, Christopher W -FS; Wear, Dave -FS; Reams, Greg -FS; Skog, Kenneth E -FS  
Subject: Re: Forest Carbon Planning

Thanks. Sounds fine. Linda will speak to options one and two on projections and Chris can speak to improvements on Inventories as well. Others will chime in where appropriate.

We will address the resources issues where appropriate.

----- Original Message -----

From: LeFranc, Maurice [mailto:LeFranc.Maurice@epa.gov]  
Sent: Tuesday, January 21, 2014 04:34 PM  
To: Vahlsing, Candace <**b(6) privacy - Candace Vahlsing**> Patel-Weynand, Toral -FS  
Cc: Ohrel, Sara <Ohrel.Sara@epa.gov>; Irving, Bill <Irving.Bill@epa.gov>

Subject: Re: Forest Carbon Planning

I had asked Sara to open the discussion of the projections paper (Allen was going to do it but is on travel). USFS should describe the first two options - Sara can describe the third (the paper still honestly reflects each agency's view in different options).

I believe Bill could do inventories but I assume Chris W. could as well.

## Ex. 5 - Deliberative

From: Vahlsing, Candace <b(6) privacy - Candace Vahlsing>  
Sent: Tuesday, January 21, 2014 4:25:32 PM  
To: Patel-Weynand, Toral -FS; LeFranc, Maurice  
Subject: RE: Forest Carbon Planning

Thanks for the call Maurice.

Can you both please let me know who will be the opening presenter for the inventory and projections papers tomorrow.

I'll bring copies of the inventory paper. Maurice, thanks for bringing copies of the projections paper.

-----Original Message-----

From: Patel-Weynand, Toral -FS [mailto:tpatelweynand@fs.fed.us]  
Sent: Tuesday, January 21, 2014 12:01 PM  
To: Vahlsing, Candace  
Cc: 'LeFranc.Maurice@epa.gov'  
Subject: Re: Forest Carbon Planning

4pm today is fine.

9am Wed. does not work.

Thanks

Toral

-----Original Message-----

From: Vahlsing, Candace  
To: Patel-Weynand, Toral -FS  
To: Maurice LeFranc  
Subject: Forest Carbon Planning  
Sent: Jan 21, 2014 10:46 AM

Are you both available at 4:00 PM today for a quick call? If not, then 9:00 AM tomorrow?

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To: Irving, Bill[Irving.Bill@epa.gov]; Patel-Weynand, Toral -FS[tpatelweynand@fs.fed.us]; LeFranc, Maurice[LeFranc.Maurice@epa.gov];

b(6) privacy - Candace Vahlsing

From: Woodall, Christopher W -FS

Sent: Wed 1/22/2014 3:05:58 PM

Subject: RE: Forest Carbon Planning

[Inventoryworkinggroupscoping\\_011714b.docx](#)

The inventory version that has been floating around is the same version the USFS delivered to Bill (EPA) at the end of last week...I believe no changes have been made since that date and should be the version we discuss on the CC in a couple hours...

---

Christopher Woodall, Ph.D.

USDA Forest Service Research, Forest Inventory and Analysis

1992 Folwell Ave, St. Paul MN, 55108; Ph: 651-649-5141 Fax:651-649-5140

cwoodall@fs.fed.us www.nrs.fs.fed.us/people/Woodall

-----Original Message-----

From: Irving, Bill [mailto:Irving.Bill@epa.gov]

Sent: Tuesday, January 21, 2014 5:14 PM

To: Patel-Weynand, Toral -FS; LeFranc, Maurice; b(6) privacy - Candace Vahlsing

Cc: Ohrel, Sara; Langner, Linda -FS; Woodall, Christopher W -FS; Wear, Dave -FS; Reams, Greg -FS;

Skog, Kenneth E -FS

Subject: RE: Forest Carbon Planning

Chris, Greg

Your changes to the inventory paper look good. In particular I thought the clarification to the attribution section was important. We will have a few technical questions to sort through on the all gases & pools part, but that can come later.

Could you please send the new version to Candace tomorrow AM?

Regards,

Bill

---

From: Patel-Weynand, Toral -FS <tpatelweynand@fs.fed.us>

Sent: Tuesday, January 21, 2014 5:50 PM

To: LeFranc, Maurice; b(6) privacy - Candace Vahlsing

Cc: Ohrel, Sara; Irving, Bill; Langner, Linda -FS; Woodall, Christopher W -FS; Wear, Dave -FS; Reams,

Greg -FS; Skog, Kenneth E -FS

Subject: Re: Forest Carbon Planning

Thanks. Sounds fine. Linda will speak to options one and two on projections and Chris can speak to improvements on Inventories as well. Others will chime in where appropriate.

We will address the resources issues where appropriate.

----- Original Message -----

From: LeFranc, Maurice [mailto:LeFranc.Maurice@epa.gov]

Sent: Tuesday, January 21, 2014 04:34 PM

To: Vahlsing, Candace <b(6) privacy - Candace Vahlsing>; Patel-Weynand, Toral -FS

Cc: Ohrel, Sara <Ohrel.Sara@epa.gov>; Irving, Bill <Irving.Bill@epa.gov>

Subject: Re: Forest Carbon Planning

I had asked Sara to open the discussion of the projections paper (Allen was going to do it but is on travel). USFS should describe the first two options - Sara can describe the third (the paper still honestly reflects each agency's view in different options).

I believe Bill could do inventories but I assume Chris W. could as well.

## Ex. 5 - Deliberative

---

From: Vahlsing, Candace <b(6) privacy - Candace Vahlsing>  
Sent: Tuesday, January 21, 2014 4:25:32 PM  
To: Patel-Weynand, Toral -FS; LeFranc, Maurice  
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Thanks for the call Maurice.

Can you both please let me know who will be the opening presenter for the inventory and projections papers tomorrow.

I'll bring copies of the inventory paper. Maurice, thanks for bringing copies of the projections paper.

-----Original Message-----

From: Patel-Weynand, Toral -FS [mailto:tpatelweynand@fs.fed.us]  
Sent: Tuesday, January 21, 2014 12:01 PM  
To: Vahlsing, Candace  
Cc: 'LeFranc.Maurice@epa.gov'  
Subject: Re: Forest Carbon Planning

4pm today is fine.

9am Wed. does not work.

Thanks

Toral

-----Original Message-----

From: Vahlsing, Candace  
To: Patel-Weynand, Toral -FS  
To: Maurice LeFranc  
Subject: Forest Carbon Planning  
Sent: Jan 21, 2014 10:46 AM

Are you both available at 4:00 PM today for a quick call? If not, then 9:00 AM tomorrow?

This electronic message contains information generated by the USDA solely for the intended recipients. Any unauthorized interception of this message or the use or disclosure of the information it contains may violate the law and subject the violator to civil or criminal penalties. If you believe you have received this message in error, please notify the sender and delete the email immediately.



**To:** [b(6) privacy - Candace Vahlsing]  
**Cc:** LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Irving, Bill[Irving.Bill@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]  
**From:** Ohrel, Sara  
**Sent:** Tue 1/21/2014 11:09:34 PM  
**Subject:** Projections Paper  
Forest Sector Carbon Projections 1 17 14.docx

Hello Candace,

Maurice requested that I send you our recent Projections paper for tomorrow's conversation (attached). I am happy to answer any questions you may have.

I look forward to speaking with you tomorrow,

Sara

Sara Bushey Ohrel

Climate Economics Branch

Climate Change Division

U.S. Environmental Protection Agency

Phone: (202) 343-9712

Cell: (202) 341-6748



**To:** Irving, Bill[Irving.Bill@epa.gov]  
**Cc:** Fawcett, Allen[Fawcett.Allen@epa.gov]  
**From:** LeFranc, Maurice  
**Sent:** Tue 9/2/2014 7:46:45 PM  
**Subject:** RE: Natural disturbances

That's my sense.

**From:** Irving, Bill  
**Sent:** Tuesday, September 02, 2014 3:40 PM  
**To:** LeFranc, Maurice  
**Cc:** Fawcett, Allen  
**Subject:** RE: Natural disturbances

**Ex. 5 - Deliberative**

**From:** LeFranc, Maurice  
**Sent:** Tuesday, September 02, 2014 3:37 PM  
**To:** Irving, Bill  
**Cc:** Fawcett, Allen  
**Subject:** RE: Natural disturbances

Thanks Bill. I left a LULUCF paper (handed out at WH meeting a week or so ago). Allen can explain.

On a related note to your email below I had an interesting conversation with Christo about post-2020 on Friday.

**Ex. 5 - Deliberative**

**Ex. 5 - Deliberative**

**From:** Irving, Bill  
**Sent:** Tuesday, September 02, 2014 3:31 PM  
**To:** LeFranc, Maurice

**Cc:** Fawcett, Allen

**Subject:** Natural disturbances

Maurice – We had an interagency all on this issue this afternoon. I already ranted to Allen in person, and here's a quick summary of the issue in case it comes up at a meeting you attend.

# **Ex. 5 - Deliberative**

**To:** Friedman, Kristina[Friedman.Kristina@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov];  
Irving, Bill[Irving.Bill@epa.gov]  
**Cc:** Krieger, Jackie[Krieger.Jackie@epa.gov]  
**From:** LeFranc, Maurice  
**Sent:** Wed 1/15/2014 11:18:47 PM  
**Subject:** Re: my comments on the post-2020

Just seeing this but fine with me.

---

**From:** Friedman, Kristina  
**Sent:** Wednesday, January 15, 2014 5:40:22 PM  
**To:** Fawcett, Allen; LeFranc, Maurice; Irving, Bill  
**Cc:** Krieger, Jackie  
**Subject:** RE: my comments on the post-2020

Here are the final versions of the two post-2020 documents I'd like to send to the front office within the next 30 minutes. I have made some formatting changes and removed the link to the Qs from the question document, but have not made any other substantive changes. Please let me know if you have any other edits, otherwise I will plan to share these with the IO at 6pm.

**From:** Fawcett, Allen  
**Sent:** Wednesday, January 15, 2014 5:27 PM  
**To:** Friedman, Kristina  
**Subject:** Re: my comments on the post-2020

Looks good to me.

---

**From:** Friedman, Kristina  
**Sent:** Wednesday, January 15, 2014 5:12:17 PM  
**To:** Irving, Bill; Fawcett, Allen  
**Cc:** LeFranc, Maurice  
**Subject:** RE: my comments on the post-2020

Thanks, Bill. I really appreciate your help.

Allen/Maurice please let me know when you have reviewed so I can send it forward.

Thanks,

Kristina

**From:** Irving, Bill  
**Sent:** Wednesday, January 15, 2014 5:11 PM  
**To:** Friedman, Kristina; Fawcett, Allen  
**Cc:** LeFranc, Maurice  
**Subject:** RE: my comments on the post-2020

Kristina

You can accept all of Maurice's edits on the analytical paper. I've accepted all of his edits on the policy paper, and have also tried to address his comment on **Ex. 5 - Deliberative** for Janet. That part is still in track-changes, and it would be good if Allen and/or Maurice could QA it.

Bill

**From:** Friedman, Kristina  
**Sent:** Wednesday, January 15, 2014 4:12 PM  
**To:** Fawcett, Allen  
**Cc:** LeFranc, Maurice; Irving, Bill  
**Subject:** RE: my comments on the post-2020

I can add in Sarah's edits, but you/Bill should probably take a look at Maurice's comments and before I can send these to the front office tonight. Could you take a look at them before 5:30pm tonight?

**From:** Fawcett, Allen  
**Sent:** Wednesday, January 15, 2014 4:09 PM  
**To:** Friedman, Kristina  
**Cc:** LeFranc, Maurice; Irving, Bill  
**Subject:** Re: my comments on the post-2020

I'm stuck in meetings the rest of the day. I can edit from home tonight if you don't have time, or maybe Bill can make the changes.

---

**From:** Friedman, Kristina  
**Sent:** Wednesday, January 15, 2014 3:58:20 PM  
**To:** Fawcett, Allen  
**Cc:** LeFranc, Maurice; Irving, Bill  
**Subject:** RE: my comments on the post-2020

Thanks. Allen, do you have a few minutes to make the additional changes Sarah discussed at yesterday's pre-brief? If not, I can try to get to it later, but if you have the time now it would be appreciated.

---

**From:** Fawcett, Allen  
**Sent:** Wednesday, January 15, 2014 3:53 PM  
**To:** Friedman, Kristina; LeFranc, Maurice; Irving, Bill  
**Subject:** FW: my comments on the post-2020

Looping in Kristina.

---

**From:** LeFranc, Maurice  
**Sent:** Wednesday, January 15, 2014 3:00 PM  
**To:** Irving, Bill; Fawcett, Allen  
**Subject:** my comments on the post-2020

Here they are – not many.

<< File: Post-2020 policy considerations (OAP) lefranc.docx >> << File: Post 2020 - Key Analytic Questions LEFRANC.docx >>

Maurice N. LeFranc, Jr.

Senior Advisor for International Climate Change

Office of Air and Radiation

U.S. Environmental Protection Agency

Office Phone: 202-564-1813

Mobile: 202-450-7863

**To:** Irving, Bill[Irving.Bill@epa.gov]  
**From:** Fawcett, Allen  
**Sent:** Wed 1/15/2014 2:36:01 PM  
**Subject:** RE: additional post-2020 considerations  
Post-2020 policy considerations - aaf.docx

Here are my initial edits.

**From:** Irving, Bill  
**Sent:** Tuesday, January 14, 2014 5:37 PM  
**To:** Fawcett, Allen  
**Subject:** additional post-2020 considerations

Very rough first draft attached

**To:** Irving, Bill[Irving.Bill@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]  
**From:** Kocchi, Suzanne  
**Sent:** Wed 1/8/2014 9:28:41 PM  
**Subject:** RE: Following up from Dec. Post-2020 Discussion

Ah ok good. Just wanted to be sure someone had the pen.

**From:** Irving, Bill  
**Sent:** Wednesday, January 08, 2014 4:23 PM  
**To:** Kocchi, Suzanne; Fawcett, Allen  
**Subject:** RE: Following up from Dec. Post-2020 Discussion

Yes – we're meeting tomorrow. I spoke with Paul about what he wants yesterday.

**From:** Kocchi, Suzanne  
**Sent:** Wednesday, January 08, 2014 3:38 PM  
**To:** Fawcett, Allen; Irving, Bill  
**Subject:** FW: Following up from Dec. Post-2020 Discussion

You guys are working on this right? The Sarah mtg is next Tue so assume Paul will want to see it before that. His day is pretty quiet on Fri so might be good to get him something that morning.

**From:** Gunning, Paul  
**Sent:** Tuesday, January 07, 2014 10:26 AM  
**To:** Fawcett, Allen; Irving, Bill  
**Cc:** Kocchi, Suzanne  
**Subject:** FW: Following up from Dec. Post-2020 Discussion

I know we have given this thought already, but please pull this together in a one pager that we can talk Sarah through and then ultimately send along to CEQ. We should also connect with Maurice as well. I will ask Anne to set up some time with Sarah.

Paul



**From:** Ulman, Christie [mailto:[Ex. 6 - Privacy](#)]

**Sent:** Tuesday, January 07, 2014 9:47 AM

**To:** 'SternTD@state.gov'; 'talleyt@state.gov'; 'Artusio, Christo F'; [salehKN@state.gov](#); Sierawski, Clare S ([SierawskiCS@state.gov](#)); Schuler, Reed M ([SchulerRM@state.gov](#)); 'Jonathan.Pershing@hq.doe.gov'; 'judith.greenwald@hq.doe.gov'; 'Mignone, Bryan'; Goffman, Joseph; 'mccabe.janet@epa.gov'; LeFranc, Maurice; 'Dunham.sarah@epa.gov'; Gunning, Paul; Minsk, Ron; Stock, Jim; McConville, Drew; Simon, Bob; 'Reifsnyder, Daniel A'; Fawcett, Allen; Vahlsing, Candace; [VasquezVN@state.gov](#)

**Cc:** Utech, Dan G.; Bodnar, Paul; Duke, Rick

**Subject:** Following up from Dec. Post-2020 Discussion

Hi all,

Thanks for joining the productive Post-2020 discussion before the holidays. To follow up from that discussion, please see attached a portion of the slides we reviewed at the meeting which lists draft key analytic questions and next steps.

Please go through these slides and indicate the tasks to which your agency would be best able to contribute in the months ahead. Please coordinate at the agency-level and send your lists to me at [Ex. 6 - Privacy](#) by **COB Monday, January 13**. We will then rationalize these lists and streamline tasks in upcoming Post-2020 meetings.

Lastly, the next Post-2020 interagency discussion will be scheduled during the last week in January (likely the afternoon of Jan. 20<sup>th</sup>). We will send the calendar invite out shortly.

Kind regards,

Christie

Christie Ulman

Deputy Associate Director

Energy and Climate Change  
White House Council on Environmental Quality

**To:** LeFranc, Maurice[LeFranc.Maurice@epa.gov]  
**Cc:** Fawcett, Allen[Fawcett.Allen@epa.gov]; Friedman, Kristina[Friedman.Kristina@epa.gov]  
**From:** Irving, Bill  
**Sent:** Wed 1/15/2014 5:19:29 PM  
**Subject:** post 2020 materials  
[Post 2020 - Key Analytic Questions.docx](#)  
[Post-2020 policy considerations \(OAP\).docx](#)

Maurice

As discussed here are the two background docs. Let us know if you have any comments. We'll integrate them and then send to the IO.

Bill

**To:** Fawcett, Allen[Fawcett.Allen@epa.gov]  
**From:** Irving, Bill  
**Sent:** Mon 12/16/2013 4:54:38 PM  
**Subject:** FW: Background for post-2020 discussion

Allen – this was a stream of consciousness email I sent to Paul a couple of weeks ago. Please feel free to supplement/edit and resend to Paul.

**From:** Gunning, Paul  
**Sent:** Thursday, December 05, 2013 6:00 PM  
**To:** Irving, Bill  
**Subject:** Re: Background for post-2020 discussion

Thanks Bill. I just got an email from Joe that the meeting was bumped to the 17th. Thanks for pulling this together on such short notice. I will take a look and we can discuss next week

Have a great weekend!

---

**From:** Irving, Bill  
**Sent:** Thursday, December 05, 2013 5:54:19 PM  
**To:** Gunning, Paul  
**Subject:** Background for post-2020 discussion

Paul – Here are some ideas, based on the conversation we had at our weekly. I didn't get a chance to share this with Allen unfortunately.

Background: the Durban process will require all Parties to submit their draft/proposed “contributions” in early 2015, followed by a period of consultation, Qs and As, and then completion of a global agreement in late 2015. It's not clear what the nature of the agreement will be (legally binding?), or how much is locked in vs. creating a timetable afterward to work out more details.

# **Ex. 5 - Deliberative**

# **Ex. 5 - Deliberative**

**To:** LeFranc, Maurice[LeFranc.Maurice@epa.gov]  
**From:** Ohrel, Sara  
**Sent:** Fri 10/17/2014 1:06:29 PM  
**Subject:** RE: Help

Thanks. I got this yesterday from Allen and have been working on it. Allen has given me specific instructions on the equation (will send shortly).

**From:** LeFranc, Maurice  
**Sent:** Thursday, October 16, 2014 6:15 PM  
**To:** Ohrel, Sara  
**Subject:** FW: Help

Here are some additional thoughts from Christo – I don't think we are fans of his formula but you get the drift of his thinking.

**From:** Artusio, Christo F [mailto:ArtusioCF@state.gov]  
**Sent:** Thursday, October 16, 2014 5:44 PM  
**To:** LeFranc, Maurice  
**Subject:** FW: Help

This email is UNCLASSIFIED.

**From:** Irving, Bill [mailto:Irving.Bill@epa.gov]  
**Sent:** Wednesday, October 15, 2014 5:23 PM  
**To:** Artusio, Christo F  
**Subject:** RE: Help

I haven't had a chance to go through your note in any detail. I think at this point if we're going to

**Ex. 5 - Deliberative**

## Ex. 5 - Deliberative

## Ex. 5 - Deliberative

Not sure I fully understand your fourth point.

Ex. 5 - Deliberative

Ex. 5 - Deliberative

Ex. 5 - Deliberative

**From:** Artusio, Christo F [<mailto:ArtusioCF@state.gov>]

**Sent:** Tuesday, October 14, 2014 4:30 PM

**To:** Irving, Bill

**Subject:** RE: Help

OK, I've finally had a chance to think more about this.

I like your formula below as a first order approximation. But I have some questions that relate to tomorrow's meeting:

## Ex. 5 - Deliberative



# **Ex. 5 - Deliberative**

Thanks,

Christo

-----Original Message-----

From: Irving, Bill [<mailto:Irving.Bill@epa.gov>]

Sent: Thursday, October 02, 2014 12:24 PM

To: Artusio, Christo F

Subject: RE: Help

# **Ex. 5 - Deliberative**

# Ex. 5 - Deliberative

-----Original Message-----

From: Artusio, Christo F [<mailto:ArtusioCF@state.gov>]

Sent: Thursday, October 02, 2014 12:06 PM

To: Irving, Bill

Subject: Re: Help

**Ex. 5 - Deliberative** Just trying to  
get a ballpark. If you don't know, that's ok.

I want to differentiate between

**Ex. 5 - Deliberative**

## Ex. 5 - Deliberative

----- Original Message -----

From: Irving, Bill [<mailto:Irving.Bill@cpa.gov>]

Sent: Thursday, October 02, 2014 11:51 AM Eastern Standard Time

To: Artusio, Christo F

Subject: RE: Help

# Ex. 5 - Deliberative

-----Original Message-----

From: Artusio, Christo F [<mailto:ArtusioCF@state.gov>]

Sent: Thursday, October 02, 2014 11:42 AM

To: Irving, Bill

Subject: Re: Help

Thank you.

## Ex. 5 - Deliberative

## Ex. 5 - Deliberative

----- Original Message -----

From: Irving, Bill [<mailto:Irving.Bill@epa.gov>]

Sent: Thursday, October 02, 2014 11:29 AM Eastern Standard Time

To: Artusio, Christo F

Subject: RE: Help

I will check with Allen about the formula he had in mind and remind him to send you a note, but I think he was

# Ex. 5 - Deliberative

-----Original Message-----

From: Artusio, Christo F [<mailto:ArtusioCF@state.gov>]

Sent: Thursday, October 02, 2014 10:36 AM

To: Irving, Bill

Subject: Re: Help

I appreciate that! Here, my ignorance of terminology was causing confusion. I meant that we would

Ex. 5 - Deliberative

# Ex. 5 - Deliberative

# Ex. 5 - Deliberative

----- Original Message -----

From: Irving, Bill [<mailto:Irving.Bill@epa.gov>]  
Sent: Thursday, October 02, 2014 09:19 AM Eastern Standard Time  
To: Artusio, Christo F  
Subject: RE: Help

Christo - a quick follow up to the conversation yesterday. I can see the appeal of

**Ex. 5 - Deliberative**

# Ex. 5 - Deliberative

I won't belabor the point, but figured I should give you a candid opinion at this early stage.

-----Original Message-----

From: Artusio, Christo F [<mailto:ArtusioCF@state.gov>]  
Sent: Wednesday, October 01, 2014 12:00 PM  
To: Irving, Bill  
Subject: Re: Help

Will call as soon as I'm out. If I miss you, I can try you around 230.

Specific Qs:

# Ex. 5 - Deliberative

----- Original Message -----

From: Irving, Bill [<mailto:Irving.Bill@epa.gov>]

Sent: Wednesday, October 01, 2014 11:55 AM Eastern Standard Time  
To: Artusio, Christo F  
Subject: RE: Help

I just got a scheduler for a 2-2:30 meeting, but if you can call before 2 I can chat with you and show up late. (b/c of course State take precedence....)

-----Original Message-----

From: Artusio, Christo F [<mailto:ArtusioCF@state.gov>]  
Sent: Wednesday, October 01, 2014 11:38 AM  
To: Irving, Bill  
Subject: Re: Help

Great. Let me try you around 2 when we break for lunch.

----- Original Message -----

From: Irving, Bill [<mailto:Irving.Bill@epa.gov>]  
Sent: Wednesday, October 01, 2014 08:45 AM Eastern Standard Time  
To: Artusio, Christo F  
Subject: RE: Help

Sure - not sure of the time difference, but I'm free from 10-noon, and then for most of 1-3pm today.

-----Original Message-----

From: Artusio, Christo F [<mailto:ArtusioCF@state.gov>]  
Sent: Tuesday, September 30, 2014 10:30 PM  
To: Irving, Bill  
Subject: Help

Bill,

I'm trying to figure out how to: **Ex. 5 - Deliberative** It would be useful to chat with you about options, and what is done in other contexts.

I'm in Lima this week, but could call you during lunch or coffee breaks.

Are you free for maybe 15 mins?

Thanks,

Christo

SBU

This email is UNCLASSIFIED.

**To:** Sierawski, Clare S[SierawskiCS@state.gov]; Wagner, David Vance[WagnerDV2@state.gov]; Schuler, Reed M[SchulerRM@state.gov]; Gallagher, Kelly[Ex. 6 - Privacy]; 'Jonathan.Pershing@hq.doe.gov' (Jonathan.Pershing@hq.doe.gov)[Jonathan.Pershing@hq.doe.gov]; Hultman, Nathan[Ex. 6 - Privacy]; LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]; Bodnar, Paul[Ex. 6 - Privacy]; Trevor Houser[tghouser@rhg.com]; Biniarz, Susan N[BiniarzSN@state.gov]; Costa, Kristina[Ex. 6 - Privacy]; Utech, Dan G.[Ex. 6 - Privacy]  
**From:** Duke, Rick  
**Sent:** Tue 10/14/2014 3:19:40 PM  
**Subject:** Potential 2030 RE Target  
Renewables\_RPS\_v4.xlsx  
TPs on Possible 2030 Renewable Electricity Target.docx

As mentioned on the call.

Rick

**To:** LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Pershing, Jonathan[Jonathan.Pershing@Hq.Doe.Gov]; Sierawski, Clare S[SierawskiCS@state.gov]; 'Gallagher, Kelly'[Ex. 6 - Privacy]; 'Duke, Rick'[Ex. 6 - Privacy]; 'Ulman, Christie'[Ex. 6 - Privacy]; 'Hultman, Nathan'[Ex. 6 - Privacy]; Schuler, Reed M[SchulerRM@state.gov]; Fores, Jim[Jim.Fores@hq.doe.gov]; Reifsnyder, Daniel A[ReifsnyderDA@state.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]; 'Bodnar, Paul'[Ex. 6 - Privacy]; 'tghouser@rhg.com'[tghouser@rhg.com]; 'Costa, Kristina'[Ex. 6 - Privacy]; Hansel, Peter[Ex. 6 - Privacy]  
**From:** Wagner, David Vance  
**Sent:** Wed 9/17/2014 5:41:38 PM  
**Subject:** notes from 9/17/14 U.S.-China technical DVC  
Meeting notes - Technical Modeling DVC 09.17.14.docx

Dear all,

Attached are my full notes from the DVC this morning. I also offer this short summary, a version of which I printed and sent with Todd to the noon WH meeting:

### Summary

# Ex. 5 - Deliberative

Best

Vance

\*\*\*  
David Vance Wagner  
China Counsellor  
Office of the Special Envoy for Climate Change  
U.S. Department of State  
202-341-4983 (mobile)

**From:** Wagner, David Vance  
**Sent:** Tuesday, September 16, 2014 6:37 PM  
**To:** 'LeFranc, Maurice'; Pershing, Jonathan; Sierawski, Clare S; 'Gallagher, Kelly'; 'Duke, Rick'; 'Ulman, Christie'; 'Hultman, Nathan'; Schuler, Reed M; Fores, Jim; Reifsnyder, Daniel A; Fawcett, Allen; 'Bodnar, Paul'; 'tghouser@rhg.com'; 'Costa, Kristina'; Hansel, Peter  
**Subject:** reminders for DVC tomorrow morning

Dear all,

As a reminder, our DVC is set for tomorrow morning from 7:30-9:30am in HST (Main State) room 2846. I have pre-cleared you all so you should be able to come right in after getting a badge at security. If any problems, call me at Ex. 6 - Privacy or Ex. 6 - Privacy

Channeling Clare, I will bring coffee and donut holes this time. ☺



See you all bright and early.

Vance

P.S. I assume you all saw Kelly's forward, but just as a reminder, please note the questions that just came in from the Chinese below (highlighted). These are huge questions which came very late, so I don't think we have to be prepared to address them comprehensively, but we should at least be prepared with some brief comments and a suggestion that we continue the discussion at future exchanges.

**From:** Zouji [<mailto:zouji61@126.com>]

**Sent:** Tuesday, September 16, 2014 5:55 PM

**To:** Gallagher, Kelly

**Cc:** '高海然'; '何建坤, HE Jiankun'; [WagnerDV2@state.gov](mailto:WagnerDV2@state.gov); 'Sierawski, Clare S'; 'Schuler, Reed M'; [AllisonCC@state.gov](mailto:AllisonCC@state.gov); 'Paschke, Matthew J (Beijing)'; 'Ming, Lei (Beijing)'; 'SUWEI@yahoo'; 'Chenndrc'; 'Liu Yang'; [peiliangndrc@gmail.com](mailto:peiliangndrc@gmail.com); [fusha@ncsc.org.cn](mailto:fusha@ncsc.org.cn); 'fusha216'

**Subject:** 答复: DVC on Wednesday

Dear Kelly,

Thanks for your email. I have circulated your follow-up questions to the Chinese experts who will participate in the DVC. In the meantime, I have been also waiting for their additional questions and try to translate into English for your reading. As last DVC, Prof. Du will continue to be the chief presenter on Chinese side, but I haven't heard from him if he would like to use PPTs or not. I will confirm with him again tomorrow morning and then let you know. As you have seen, he did not use PPTs last time.

There will be a slight change of the participant list for the Chinese side, i.e., Prof.

Li Junfeng will not join us tomorrow for other commitment, but Prof. Xu Huaqing, who participated in the July 8 dialogue, will attend tomorrow's DVC.

We agreed on your suggestion that Chinese side will start the presentation first this time. Regarding your another suggestion that Chinese side focuses on our presentation on some of the questions from last time that we did not have a chance to answer because our time was cut short, we will do our best to answer your questions as more as we can. Meanwhile, Chinese colleagues are still very interested in hearing responses from the US side to the last two questions of the five which we raised last time and did not have enough time to discuss. They are as follows:

**(b)(5) deliberative**

In addition, there have been some additional questions for your consideration below, although we are aware of the time limitation:

● In Page 13 of the Slides provided last time.

**(b)(5) deliberative**

**(b)(5) deliberative**

# (b)(5) deliberative



I know there have been even endless questions from the two sides for better understanding. Let's see how to address them.

Look forward to seeing you tomorrow evening,

Best regards,

Zou  
Ji

-----

David Vance Wagner  
China Counsellor  
Office of the Special Envoy for Climate Change  
U.S. Department of State  
202-341-4983 (mobile)

**To:** Ashley, Jackie[Ashley.Jackie@epa.gov]; DeLuca, Isabel[DeLuca.Isabel@epa.gov]; Culligan, Kevin[Culligan.Kevin@epa.gov]; Risley, David[Risley.David@epa.gov]; Evarts, Dale[Evarts.Dale@epa.gov]  
**Cc:** Terry, Sara[Terry.Sara@epa.gov]; LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Niebling, William[Niebling.William@epa.gov]  
**From:** Drinkard, Andrea  
**Sent:** Tue 9/16/2014 9:11:50 PM  
**Subject:** Re: Q from Chinese on 2025-2030 goals - due by 4 pm

Maurice and I talked and if he sees joe before he leaves for the airport, we'll touch base with him, but with the general nature of the response I think we're on solid ground.



Thanks all. Here's version that incorporates the comments.

**Andrea** can you please advise on whether Joe needs to weigh in before Maurice moves forward?

## Ex. 5 - Deliberative

# Ex. 5 - Deliberative

-----  
Jackie Ashley - US EPA - Office of Air Quality Planning and Standards - 919-541-7664 – ashley.jackie@epa.gov

**From:** DeLuca, Isabel  
**Sent:** Tuesday, September 16, 2014 4:27 PM  
**To:** Ashley, Jackie; Culligan, Kevin; Risley, David; Evarts, Dale  
**Cc:** Drinkard, Andrea; Terry, Sara; LeFranc, Maurice; Niebling, William  
**Subject:** RE: Q from Chinese on 2025-2030 goals - due by 4 pm

Hi Jackie,

Sorry for the late response. If there's still scope for changes, here are suggested revisions. Folks here

**Ex. 5 - Deliberative**

**Ex. 5 - Deliberative**

Take 'em or leave 'em! ☺

# Ex. 5 - Deliberative

## Ex. 5 - Deliberative

**From:** Ashley, Jackie

**Sent:** Tuesday, September 16, 2014 2:01 PM

**To:** Culligan, Kevin; Risley, David; Evarts, Dale; DeLuca, Isabel

**Cc:** Drinkard, Andrea; Terry, Sara; LeFranc, Maurice; Niebling, William

**Subject:** Q from Chinese on 2025-2030 goals - due by 4 pm

**Importance:** High

Maurice LeFranc has asked us for an answer to the following question, raised by the Chinese. I've pulled together a draft answer. Please review and send me comments **NLT 4 pm today**. We need to have this back to Maurice by 5 p.m. Thanks.

## Ex. 5 - Deliberative

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Jackie Ashley - US EPA - Office of Air Quality Planning and Standards - 919-541-7664 – [ashley.jackie@epa.gov](mailto:ashley.jackie@epa.gov)

**From:** LeFranc, Maurice  
**Sent:** Tuesday, September 16, 2014 12:12 PM  
**To:** Drinkard, Andrea; Ashley, Jackie  
**Subject:** Line from Chinese question on Clean Power Plan

Here it the quote from the Chinese raised in a meeting in Beijing. Very straightforward:

**Ex. 5 - Deliberative**

Thanks – need by end of the day for a 7:00 a.m. video conference tomorrow.

Maurice N. LeFranc, Jr.

Senior Advisor for International Climate Change

Office of Air and Radiation

U.S. Environmental Protection Agency

Office Phone: 202-564-1813

Mobile: 202-450-7863



**To:** Hultman, Nathan[Ex. 6 - Privacy]; Pershing, Jonathan[Jonathan.Pershing@Hq.Doe.Gov]; Duke, Rick[Ex. 6 - Privacy]; Sierawski, Clare S[SierawskiCS@state.gov]; Gallagher, Kelly[Ex. 6 - Privacy]; Bassett, Luke[Luke.Bassett@Hq.Doe.Gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]; Uiman, Christie[Ex. 6 - Privacy]; LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Hansel, Peter[Ex. 6 - Privacy];  
[Ex. 6 - Privacy, Kristina Costa]  
**From:** Wagner, David Vance  
**Sent:** Tue 8/26/2014 6:40:53 PM  
**Subject:** background on Chinese technical experts attending 8/27/14 DVC  
Background on Chinese Technical Experts attending 8-27-14 DVC.docx  
Meeting notes - Technical Modeling Meeting 07.08.14.docx

Dear all,

I have drafted a quick one-pager with bullet point notes on the five Chinese technical experts leading the meeting tomorrow. I hope it's helpful.

I am also re-attaching my notes from the July 8<sup>th</sup> meeting if you want to review those in advance.

Best

Vance

-----  
David Vance Wagner  
China Counsellor  
Office of the Special Envoy for Climate Change  
U.S. Department of State  
202-341-4983 (mobile)

**To:** LeFranc, Maurice[LeFranc.Maurice@epa.gov]  
**From:** Gallagher, Kelly  
**Sent:** Fri 8/22/2014 6:42:25 PM  
**Subject:** Re: China post-2020 mtg

We proposed the 27th so I imagine that will be the date but will let you know if otherwise.

**From:** LeFranc, Maurice [mailto:LeFranc.Maurice@epa.gov]  
**Sent:** Friday, August 22, 2014 10:48 AM  
**To:** Gallagher, Kelly; Sierawski, Clare S <SierawskiCS@state.gov>  
**Subject:** RE: China post-2020 mtg

Kelly:

Please let me know when you hear back from the Chinese. Particularly on the timing of the meeting. When I spoke to Joe Goffman Wednesday I was under the impression that he was available both the 27<sup>th</sup> and 28<sup>th</sup> but now just learned he is out on leave on the 27<sup>th</sup>. We can figure out coverage if it remains on the 27<sup>th</sup>.

Thank you.

Maurice

**From:** Gallagher, Kelly [mailto: ] **Ex. 6 - Privacy**  
**Sent:** Wednesday, August 20, 2014 10:39 PM  
**To:** Sierawski, Clare S (SierawskiCS@state.gov); Trevor Houser (tghouser@rhg.com); Duke, Rick; Ulman, Christie; Hultman, Nathan; Bodnar, Paul; David Vance Wagner (WagnerDV2@state.gov); Schuler, Reed M; 'Pershing, Jonathan'; Luke Bassett (Luke.Bassett@Hq.Doe.Gov) (Luke.Bassett@Hq.Doe.Gov); 'Jim Fores' (Jim.Fores@hq.doe.gov); 'Talley, Trigg'; Fawcett, Allen; LeFranc, Maurice  
**Cc:** 'Artusio, Christo F'; 'Reifsnyder, Daniel A'; 'Wolsey, Yekaterina Y'  
**Subject:** China post-2020 mtg

Hi all,

As a follow-up to our China post-2020 meeting today, attached is a draft email for me to send to

Zou Ji tomorrow. It includes the list of questions that we want to ask the Chinese to address in the DVC and beyond.

Please let me know if you have any edits, questions, or concerns.

Best,  
Kelly

**To:** Sierawski, Clare S[SierawskiCS@state.gov]; Gallagher, Kelly[Ex. 6 - Privacy]; Trevor Houser (tghouser@rhg.com)[tghouser@rhg.com]; Ulman, Christie[Ex. 6 - Privacy]; Hultman, Nathan[Ex. 6 - Privacy]; Bodnar, Paul[Ex. 6 - Privacy]; Wagner, David Vance[WagnerDV2@state.gov]; Schuler, Reed M[SchulerRM@state.gov]; 'Pershing, Jonathan'[Jonathan.Pershing@Hq.Doe.Gov]; Luke Bassett (Luke.Bassett@Hq.Doe.Gov) (Luke.Bassett@Hq.Doe.Gov)[Luke.Bassett@Hq.Doe.Gov]; 'Jim Fores' (Jim.Fores@hq.doe.gov)[Jim.Fores@hq.doe.gov]; Talley, Trigg[TalleyT@state.gov]; Fawcett, Allen[Fawcett.Allen@epa.gov]; LeFranc, Maurice[LeFranc.Maurice@epa.gov]  
**Cc:** Artusio, Christo F[ArtusioCF@state.gov]; Reifsnyder, Daniel A[ReifsnyderDA@state.gov]; Wolsey, Yekaterina Y[WolseyYY@state.gov]  
**From:** Duke, Rick  
**Sent:** Thur 8/21/2014 8:17:41 PM  
**Subject:** RE: China post-2020 mtg  
Draft Email on DVC 20 August 2014 CS rd.docx

Looks good. A couple suggested simplifications to q1 for clarity.

**From:** Sierawski, Clare S [mailto:SierawskiCS@state.gov]  
**Sent:** Thursday, August 21, 2014 9:30 AM  
**To:** Gallagher, Kelly; Trevor Houser (tghouser@rhg.com); Duke, Rick; Ulman, Christie; Hultman, Nathan; Bodnar, Paul; Wagner, David Vance; Schuler, Reed M; 'Pershing, Jonathan'; Luke Bassett (Luke.Bassett@Hq.Doe.Gov) (Luke.Bassett@Hq.Doe.Gov); 'Jim Fores' (Jim.Fores@hq.doe.gov); Talley, Trigg; 'fawcett.allen@epa.gov'; LeFranc, Maurice  
**Cc:** Artusio, Christo F; Reifsnyder, Daniel A; Wolsey, Yekaterina Y  
**Subject:** RE: China post-2020 mtg

Thanks Kelly! I added in times (to set expectations and so we can keep things moving) and a few other small things in track changes in the attached. We should send this out by 8PM our time tonight, so please send additional comments etc. to Kelly by 5PM today. Thank you!

**From:** Gallagher, Kelly [mailto:Ex. 6 - Privacy]  
**Sent:** Wednesday, August 20, 2014 10:39 PM  
**To:** Sierawski, Clare S; Trevor Houser (tghouser@rhg.com); Duke, Rick; Ulman, Christie; Hultman, Nathan; Bodnar, Paul; Wagner, David Vance; Schuler, Reed M; 'Pershing, Jonathan'; Luke Bassett (Luke.Bassett@Hq.Doe.Gov) (Luke.Bassett@Hq.Doe.Gov); 'Jim Fores' (Jim.Fores@hq.doe.gov); Talley, Trigg; 'fawcett.allen@epa.gov'; LeFranc, Maurice  
**Cc:** Artusio, Christo F; Reifsnyder, Daniel A; Wolsey, Yekaterina Y  
**Subject:** China post-2020 mtg

Hi all,

As a follow-up to our China post-2020 meeting today, attached is a draft email for me to send to Zou Ji tomorrow. It includes the list of questions that we want to ask the Chinese to address in the DVC and beyond.

Please let me know if you have any edits, questions, or concerns.

Best,  
Kelly

**To:** LeFranc, Maurice[LeFranc.Maurice@epa.gov]; Lie, Sharyn[Lie.Sharyn@epa.gov]; Simon, Karl[Simon.Karl@epa.gov]  
**From:** Hengst, Benjamin  
**Sent:** Thur 8/14/2014 6:32:46 PM  
**Subject:** RE: long-term carbon estimates

+ Sharyn and Karl, who are manning this right now.

**From:** LeFranc, Maurice  
**Sent:** Thursday, August 14, 2014 2:27 PM  
**To:** Hengst, Benjamin  
**Cc:** Goffman, Joseph  
**Subject:** FW: long-term carbon estimates

Ben:

Here is another email from CEQ as well as the original from earlier. I wanted to make sure you were aware that these had come in.

I spoke to Sarah D. and she assumes she is getting these because her former role in OTAQ and is not planning to respond.

Please let me know if this is something your office can respond to – or wants to respond to.  
Thanks.

Maurice

**From:** Duke, Rick [[mailto:](#) **Ex. 6 - Privacy**]  
**Sent:** Thursday, August 14, 2014 12:33 PM  
**To:** Dunham, Sarah; Lie, Sharyn; Barron, Alex  
**Cc:** Goffman, Joseph; Ulman, Christie; Hultman, Nathan; Fawcett, Allen; Zakaria, Rama; Wong, Jacqueline; LeFranc, Maurice

**Subject:** RE: long-term carbon estimates

Some process updates:

- [redacted] Christie is going to pull together a technical call with this group at 5pm on Monday
- [redacted] We will hold our first interagency technical discussion on Wednesday 8/20, time TBC.

## Ex. 5 - Deliberative

Many thanks...

**From:** Duke, Rick

**Sent:** Monday, August 11, 2014 12:59 PM

**To:** Dunham, Sarah ([Dunham.Sarah@epa.gov](mailto:Dunham.Sarah@epa.gov)); 'Lie.Sharyn@epa.gov'  
**Cc:** [goffman.joseph@epa.gov](mailto:goffman.joseph@epa.gov); Barron, Alex ([Barron.Alex@epa.gov](mailto:Barron.Alex@epa.gov)); Ulman, Christie; Hultman, Nathan; Fawcett, Allen ([Fawcett.Allen@epa.gov](mailto:Fawcett.Allen@epa.gov)); Zakaria, Rama  
**Subject:** long-term carbon estimates

Sarah and Sharyn,

Some technical questions as we consider our long-term carbon pollution reduction goals.

Does EPA have an updated view on the emissions reduction potential originally estimated here <http://www.epa.gov/otaq/climate/kerry-analysis-02-18-2010.pdf> in response to a request from then Sen Kerry? More specifically:

## Ex. 5 - Deliberative

The most efficient way to tackle this might be to sit down in person but I'm also reachable at

**Ex. 6 - Privacy**



Thanks,  
Rick

**To:** Wagner, David V[WagnerDV2@state.gov]; DiGiulian, Maria[Maria.DiGiulian@Hq.Doe.Gov]; Dhongthog, Tsering[Tsering.Dhongthog@Hq.Doe.Gov]; Sandoli, Robert[Robert.Sandoli@ee.doe.gov]; Holuj, Brian[Brian.Holuj@ee.doe.gov]; Ashley, Chuck[AshleyCH@state.gov]; Ku, Ruth C[KuRC@state.gov]; Birns, Daniel E[BirnsDE@state.gov]; Tam, Samuel[Samuel.Tam@hq.doe.gov]; Daniels, Jarad[Jarad.Daniels@hq.doe.gov]; Smouse, Scott (NETL)[scott.smouse@netl.doe.gov]; 'vfike@ustda.gov'[vfike@ustda.gov]; Ton, Dan[Dan.Ton@hq.doe.gov]; Blubaugh, Jim[Blubaugh.Jim@epa.gov]; 'Joseph.Traini@dot.gov'[Joseph.Traini@dot.gov]; 'Bodnar, Paul' [Ex. 6 - Privacy]; LeFranc, Maurice[LeFranc.Maurice@epa.gov]  
**Cc:** Schuler, Reed M[SchulerRM@state.gov]; Reifsnyder, Daniel A[ReifsnyderDA@state.gov]; Dolan, Bridget M[DolanBM@state.gov]; Sierawski, Clare S[SierawskiCS@state.gov]  
**From:** Friedmann, Julio  
**Sent:** Tue 7/8/2014 3:55:53 PM  
**Subject:** Re: FLASH CLEARANCE: CCWG report 7/8  
[Draft CCWG Report 0708\\_SJF.docx](#)

Hi David, Hi All,

One addition (new initiatives) and some reformatting and factual clarification in the counterfacing projects.

Happy happy.

J

On 7/8/14, 11:12 PM, "Wagner, David V" <WagnerDV2@state.gov> wrote:

>Dear all,

>

>Attached is the current CCWG report as negotiated today with the Chinese.

**Ex. 5 - Deliberative**

**Ex. 5 - Deliberative**

These are pasted below. Still, if everyone on this  
>list could do a once-over of your relevant sections and ensure it is what  
>you expect, I would appreciate it. Deadline is 6pm ET on 7/8. Thanks!

>

## Ex. 5 - Deliberative

**Ex. 5 - Deliberative**

>

>Best

>

>Vance

>

>SBU

>

>

>

>

>

# **Ex. 5 - Deliberative**